

Plans put industrial classic in danger of redevelopment

ONE of Britain's "classic" industrial buildings of the 20th century, the Brynmawr Rubber Factory in South Wales, is threatened with demolition.

Designed by the Architects Co-Partnership and Ove Arup in 1946 and completed in 1952, the factory was listed by Cadw — the organisation set up by the Welsh Office to look after Wales' historical and architectural heritage six months ago.

It is the only post-war building in England and Wales to have been listed.

Plans for the factory's demolition are being put forward by Tenby Ltd, a Jersey-based property company. It has received a £200,000 grant from the

Welsh Development Agency for clearing the site, and has the added possibility of an urban development grant from the DoE and the local authority.

Tenby plans to demolish the concrete-domed structure to make way for car parking and

By Amanda Baillieu

improved access to steel-framed sheds on the site. Once the site is cleared no more units are planned.

A spokesman for Bjaenau Gwent council said: "In my opinion the factory is not an aesthetic beauty, and would be better used for redevelopment and attracting employment into the area."

He said architects seeing for

Tenby, the Dale Kennedy Partnership, Cardiff, had estimated that up to £4 million would have to be spent on the factory if it was to be rehabilitated for alternative use.

The council claims the building is in a "shocking condition" after being abandoned four years ago.

But Architect Co-Partnership director Philip Groves, who visited the factory with Ove Arup in May, said the structure was sound, and the factory was "still as elegant as when it was built".

There are also fears that Tenby could start clearing the site before listed building consent. According to architect and lecturer Richard Parnaby, who lives near the site, "the building is getting rapidly less".

He asked Tenby if his first-year students at the Welsh School of Architecture could have access to the site for a design project examining possible alternative uses for it.

But Tenby refused him access, claiming that the building was unsafe and visitors could be in danger from asbestos in the air. Parnaby plans to use the design project as evidence at the public inquiry due to start in October.

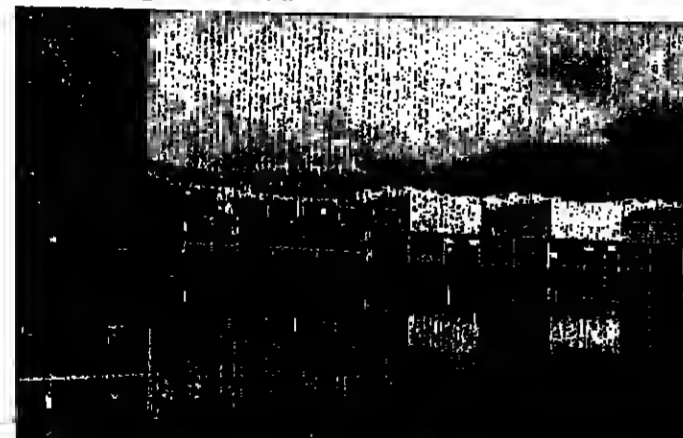
Opposition to Tenby's proposals has come from Cadw, Save, the Victorian Society and the Thirties Society, as well as local architects and conservationists.

The council said it received "numerous letters of detailed objections" but was still going ahead in preparing a case supporting demolition.

A final decision will be made by Welsh secretary Nicholas Edwards — not his inspector.



Interior showing concrete domes.



Exterior view. The local council claims the factory is in "shocking condition".

... signing off...



A SPURIOUS FORM OF COMFORT

Building Design, London SE18. Every Friday. Copyright 1986 Morgan Grenfell plc. The contents of Building Design are subject to reproduction in information storage and retrieval systems. Member of the Audit Bureau of Circulations. Printed by Phoenix Typesetting Ltd, Rufford House, 80-82 Slater Avenue, Southend-on-Sea, Essex S82 8BW. Printed by Alabaster Pressman & Son Ltd, London and Maidstone. Registered as a newspaper at the Post Office.

ABC

Architects missed at conference

THERE were architects at the conference on "Buildings and Behaviour" at St George's Hospital, south London, this week — but not many. Mostly the delegates were psychiatrists, social workers, GPs and hospital doctors, town planners and even members of the DoE.

The Biosocial Society organised the conference to look into the effects of town planning and building design on health and behaviour.

The varied programme included papers on designing guides to provide space for the

new affluence and materialism in the home of the 60s by Norman Shepherd, suitable containment and design provision for catering with the megalomaniac and dangerous in regional security units by Dr Peter Snowden, and the case for and against overhead walkways, deck access, and play areas from geographer and land-use specialist Alice Coleman.

Coleman advocated that walkways be removed and public and semi-public areas around blocks of flats be redefined as places of ownership, such as walled gardens.

This would, she said, relieve those who had felt forced to board up their windows and allow them to enjoy natural daylight and encourage mothers

to let their children out to play and grow in confidence so that later they would not cling to the estate.

There was not, as far as I could gather, any contingency for families living above the ground floor.

The question of play areas became one of debate. Coleman reckoned they should be taken out of the estate and placed in traditional parks: they were never big enough around flats which meant balls being kicked through windows and more conflict. Tenants, said Coleman, bated them. Tony Gibson, who was instrumental in devising Town & Country Planning Association packs such as *Planning for Real*, found that given the opportunity to deter-

mine their environment residents favoured adventure playgrounds.

Dr Hugh Freeman, a psychiatrist at Salford University, felt that anything which maintained the social fabric of family and community life should be encouraged.

The demise of the Victorian street where children could run around together and mothers chat on the doorstep, and the disappearance of the corner shop as a point of integration, was not a cause for congratulation.

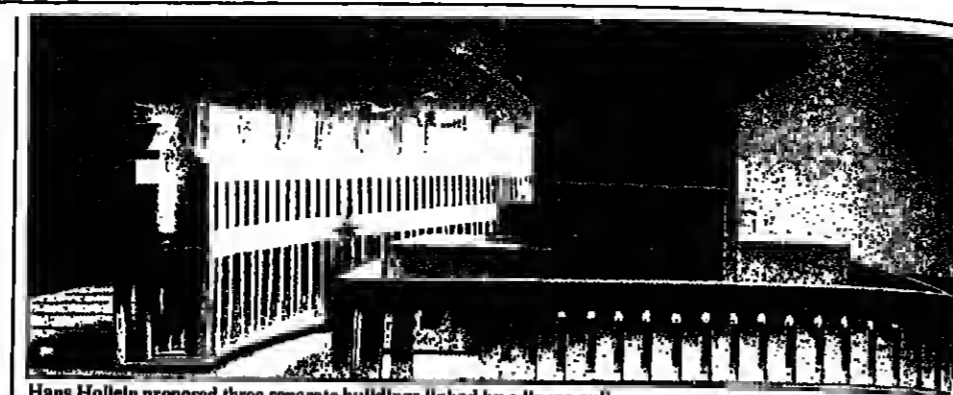
Coleman and Freeman clashed on more than one subject. Coleman's studies of flats and housing indicated that levels of crime and disorder were high in both turn-of-the-century and

60s and 70s housing, while terrace developments of a later-war years produced no relief. Freeman countered that while crime statistics may have improved, the demolition of lack of landmarks produced a loss of identity and a sense of anonymity and disorientation, breeding ground for psychiatric problems.

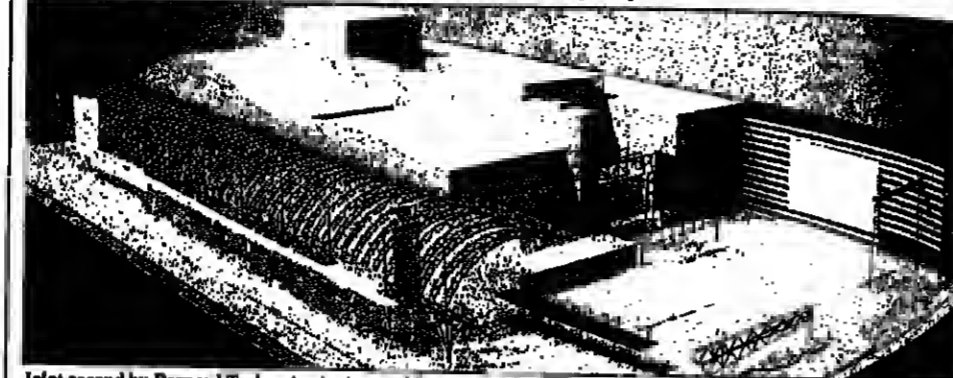
Fiona Coleman

RIBA strategy

A NEW RIBA members group under the leadership of David Rock and Fred Roche will be set up to examine the market for architecture and devise a promotional strategy. The institute's annual policy committee decided this week.



Hans Hollein proposed three separate buildings linked by a linear gallery.



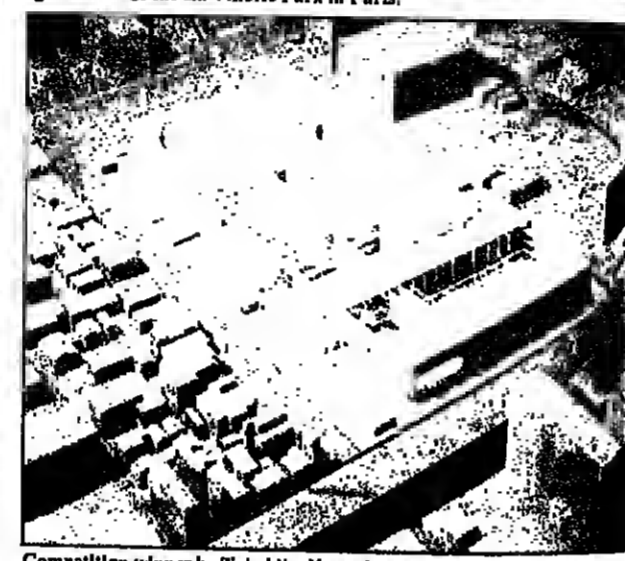
Joliet second by Bernard Tschumi, winning architect of the La Villette Park in Paris.

Eastern divide

The open international competition for the new National Theatre of Japan attracted 228 entries including 60 from 22 countries outside Japan.

Takubiko Yanagisawa, working with German architect Harald Gellmann, won first prize and the four second-placed schemes included Hans Hollein and Bernard Tschumi. Peter Eisenman's entry was among six "other outstanding entries".

The judges, who included Arata Isozaki, praised the high standard of entries but noted the tendency of Japanese entries "to demonstrate a high degree of technical perfection and orderliness of form" and those from abroad "to be concerned first with originality and ideas".



Competition winner by Takubiko Yanagisawa.

Ronan Point 'the worst'

ENGINEERS who have tested the structural integrity of more than 200 tower blocks with radar equipment said this week that Ronan Point was the worst building they had ever come across.

In tests carried out in 1984 they found voids in the drypack mortar of up to 50 per cent, as well as some deficiencies in the concrete.

Both of these findings have been backed by the controlled demolition of Ronan Point being carried out by Newham council engineers.

The surveying team, GB Geotechnics, have been inundated with requests to test other local authority-owned tower blocks.

Other systems GB looked at include Reema, Bison, and Waltes. The Cambridge-based firm told BD that although it had found departures from original specifications, "we have never seen a tower block as badly built

as Ronan Point". The notorious East London tower and its seven sister blocks on the Freemasons Estate were evacuated in 1984 following council fire tests which showed that fireproofing in the building would not halt the spread of smoke in the event of a fire.

GB's radar testing service, which has been upgraded since the tests on Ronan Point, can detect voiding in concrete, cracking in concrete, depth of concrete cover on the reinforcing steel bars, and the degree of corrosion of reinforcing.

A typical building would take only one day to survey at a cost of about £1,000.

Experts say this method of testing is only 90 per cent reliable but does give a good indication of the structure of the building very cheaply.

GB's service is proving so valuable to local authorities that

a spokesman for the firm which has been approached by a local authority to test a tower block in Britain has said that the authorities in Britain are not aware of the demand overseas. Senior partner George Ballard is now working on blocks in Hong Kong.

Slow going in Wales

ONLY half of the Welsh planning applications made in the first quarter of this year were determined within the statutory eight weeks. A further 26 per cent took between eight and 10 weeks.

The statistics appeared in a report from the Welsh Office analysing the level and efficiency of development control in Wales.

BUILDING DESIGN

No 806

The weekly newspaper for the design team

FRIDAY OCTOBER 3 1986

Appeal over pier design

THAMES Water Authority is to appeal against Westminster council's decision to block plans for a £6 million leisure pier at Westminster.

The pier, designed by Clive Nicholson Associates, has been criticised by the council, the Royal Fine Art Commission, and English Heritage.

English Heritage said this week the new pier would "adversely affect the setting of Westminster Palace, Westminster Bridge, County Hall, St Stephen's Church building, Norman Shaw's Scotland Yard and Whitehall Court, all of which are listed buildings".

Thames Water said it intends to "stick to the original design".

A spokesman said the 110-year-old pier was not in "tip-top condition" and a substantial amount of money would need to be spent over the next 18 months if it was to remain safe.

Attempts to replace the pier have had an unhappy history in recent years, including a failed competition and an unsuccessful design by the GLC.

Architects at Building 86

WORK by three young practices will be exhibited at a 212A-sponsored session at the Building 86 exhibition on October 7 at Earl's Court.

Those featured will be Andrew Holmes, who teaches at the Architects' Association, Jamie Troughton and John McAlister, who started their own practice three years ago after leaving Richard Rogers, and Mike Fletcher and Keith Priest, who have been together since 1979 and have a reputation for inventive low-budget schemes.

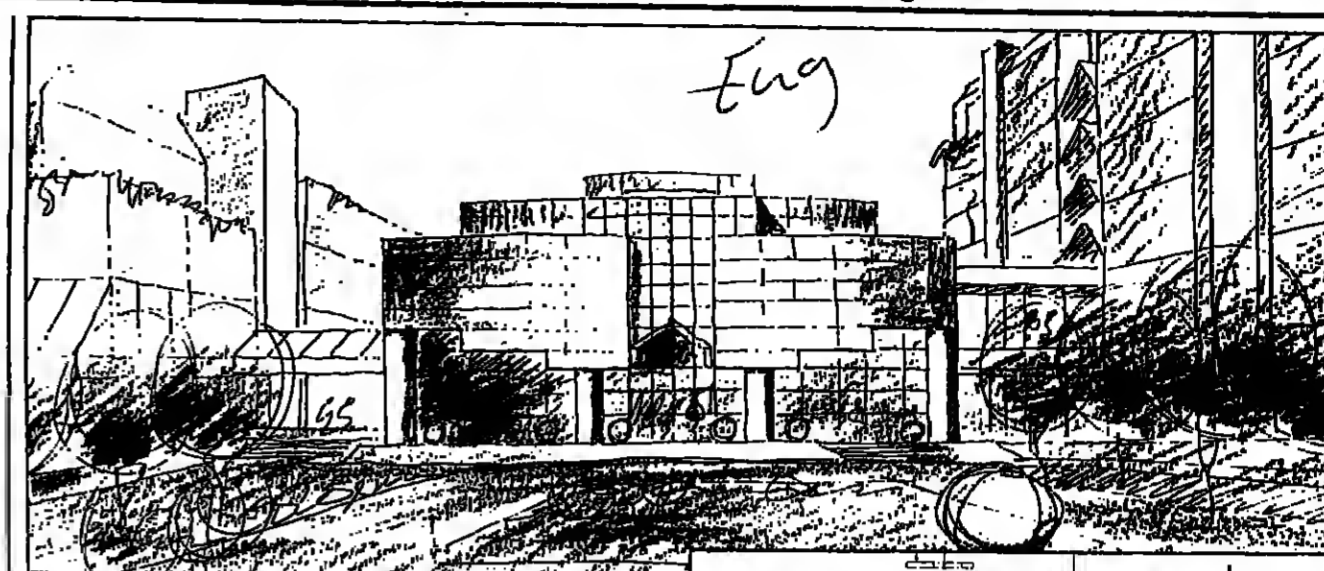
The exhibition opens at midday on Sunday, and continues until October 9.

Aerosol explosion

AN aerosol can of lighter fluid exploded and knocked out a wooden end wall and two windows in a ground-floor flat in a three-storey block in Waltham Forest earlier this year, it has been revealed.

The explosion at 101 Waltham Way was caused by a 3.5kg can of m. and has led to renewed calls by tenants for strengthening of tower blocks in the borough.

See story back page



BBC airs radio scheme

How the new BBC radio centre could look at London's White City (above)... and what the corporation's revamped Langham Place building could have looked like had Foster Associates' designs been accepted. The outline proposals for White City have been prepared by BBC Architects and Norman & Dawbarn, and have been on public display. Foster's designs form part of the Royal Academy exhibition which opens today. BBC story back page



RIBA welcomes plans for new education study

SCHOOLS BACK IN THE FIRING LINE

ARCHITECTURAL education will once again come under critical scrutiny, following recommendations by the Building Economic Development Committee.

The committee (or "Neddy") is worried about the general standard of professional education in relation to construction, and has sought funding for a two-year study from the DoB and the Department of Education & Science, which are understood to be keen to help.

Because of the existing reports by Lord Esher and Her Majesty's Inspectorate, architecture finds itself in the front line of criticisms over education failures.

In a parting memorandum on the industry, the retiring chairman of the building neddy, Sir

By BD Reporter

Monty Finniston, quotes the HMI report on architectural education as evidence that not enough is being done to prepare professionals for major changes in the way the industry operates.

Sir Monty believed separation

in the training of professionals was too great, and an investigation should examine how this could be changed.

The idea of the study has been welcomed by the RIBA, which sits on the building neddy, and which is already conducting its own investigation into the future of architectural education.

Following an interim report next Easter, which should include the "structured" responses of schools and other representative groups, there will be more opportunities for comment, with a final report produced in early 1988.

The institute knows that a review conducted for the building neddy could place architectural education within a wider context, and also comment on the advisability of multi-disciplinary education, for example.

The paragraph from the HMI report quoted in the Finniston memorandum says: "Students were forthright in their opinion that their future roles would be that of creative aesthetic designers with little need for a knowledge of technology... they... pass through the courses without acquiring, or being required to demon-

Exhibition celebrates three of the best

THE biggest, most spectacular and most expensive exhibition of British architecture in the past 40 years opens to the public today (Friday) at the Royal Academy.

"New Architecture: Foster, Rogers, Stirling" celebrates the global stature of the three most recent British RIBA Gold Medalists and features three built and three unbuilt projects.

Norman Foster displays two superb models of the Hong Kong Bank in suitably hi-tech media, with suspended ceiling screens and back-lit projections.

The centrepiece of the adjacent room is a huge model of the aborted £100 million project for BBC Radio with working drawings for licence payers to peruse.

Richard Rogers has set up the most dramatic display, a huge River Thames water tank that lends a visionary dimension to a series of radical projects, some old, some new. His "silver mile" establishes a new link between the South Bank — via a new pedestrian bridge replacing Hungerford Bridge — and Trafalgar Square.

James Stirling has transformed his rooms into a highly effective backdrop that features a 6-100 pavilion based on the Stuttgart Gallery. The second room contains a fully developed version of the National Gallery extension proposal.

The exhibition continues until December 21.

Sheldoor

An exciting new range of doors from Norwood

Strength with style



The success of Norwood's new range of steel doors is hidden beneath the surface.

Because, quite simply, the secret lies in the construction. Ceilings on their own experience in door design and construction Norwood have produced in their new Sheldoor range products that reach new levels of performance combined with aesthetic appeal.

Vulcan. A range of fire doors — single or double leaf — for 30, 60, 90, 120 or 240 minutes up to BS requirements. There's even a glazed 2 hour fire door.

Titan. An attractive high performance door set in a wide variety of styles and sizes.

Hercules. A metal faced range of domestic entrance doors for added security. Insulated with a high density polyurethane core with a built-in thermal break.

Argonaut. A solid B15 door that meets all offshore and marine requirements and provides unrivalled sound performance and insulation.

To find out the secret behind the new Sheldoor range contact Bill Klien on 0279 26741 today.

Norwood Sheldoor, Norwood House, River Way, Harlow, Essex.

FIREX SOUTH 86

INDEX

ROSTRUM 2 News 2-7 and 32 Letters 8-9, Infill 11, Comment 11 Perspective 12, Scripts 13, SA 14, 15 Features 14-17, New Products 18-19 Technical literature 20, Readers' advisory service 21, Free classified 21, Details 22, Directory of consultants and services 23, Appendices 24-32

Centre stage



pages 16-17

THE beneficial effects for London's prosperity arising from the "Big Bang" could be strangled — unless the capital's property market loosens up to accommodate exploding demand for new office space from both the Big Bang players and the supporting service industries.

Research has revealed that demand for new office space could be much greater than most of the property market has hitherto anticipated. For up to one third of London's 140 million sq ft of offices may have to be torn down and redeveloped over the next five to 10 years in order to cope, according to estate agents Edward Erdman in their latest report on the City's property market.

Contrary to the relatively conservative forecasts of their colleagues in the City, Erdman forecast: "We may be entering a period of double our previous annual take-up, sustained for at least the next five years, if not longer." Current take-up is reckoned by most agents to be around the 3.5 million sq ft a year mark.

The City of London alone is not going to cope with this. If the full potential of Big Bang is to be realised, then the cities of London and Westminster, and the eight surrounding local planning authorities, are going to have to look long and hard at their planning policies.

As for the City itself, the corporation's revised draft local plan is coming under fire again from the property fraternity, which pressurised the City to amend it in their favour only a few months ago.

"By designating 28 per cent of the City's area (and nearly 90 per cent around the Bank itself) as



Where to now? The City will not be able to cope with the effects of the Big Bang alone.

Containing the explosion

conservation areas, and by applying a difficult approach both to renewal and to satisfying the needs of occupiers, there is a definite chance that the central City area will become little more than an architectural museum piece of the 19th century," says Erdman.

Research from a new independent property organisation Applied Property Research with designer Fitch & Co (which has set up a division specifically aimed at office and hi-tech occupiers), highlights one sector where demand is likely to prove colossal — the Japanese.

The Japanese are one of the key players in what has been dubbed the post-Big Bang race. "Big Bang is dead as a property market issue, long live post-Big Bang," says Geoff Marsh of APR. It is dead, claims Marsh, because virtually everybody has taken their positions in the gilt and equities markets.

"The next wave of growth is the globalisation of investment banking. This brings us to the

Japanese. If the Japanese are going to have significant presence here, then there must be enormous growth in their property requirements."

APR/Fitch's research ranks foreign banks in London in terms of world size, and then alongside, charts the number of staff each bank now houses in London. American bank Citicorp, for example, employs well over 3,000 people here. Second in the world pecking order, Dai-ichi Kangyo, has a paltry three score. In rough terms, each person occupies between 150 and 200 sq ft of office space.

Clearly the Japanese have to expand rapidly: first to catch up with the operations of their American competitors, and secondly to expand beyond that as the new market place grows.

So far the Japanese have taken unglamorous second-hand space. But Nomura, the biggest Japanese securities house, recently decided to take the scheme which will replace the old Post Office building at St

As another firm of architects prepares for an Unlisted Securities Market quota, Lee Mallatt reports on why central London architects are set for a bonanza.

Martins le Grand on the City's northern fringe. Nomura has said it wants a total of 1.25 million sq ft. This could well be the first ripple of the "Tsunami" — a Japanese tidal wave of demand.

Many in the property market remain convinced that the City cannot cope with demand. They see the accommodation of Big Bang increasingly as a London-wide problem. The relaxation of the City's draft plan was an effective piece of public relations, but the reality is that the time-lag inherent in site creation will prove a stumbling block to satisfying demand. In addition to this, relocation will create extra demand. Companies no longer just take the amount of space necessary to meet their immediate requirements — they take an extra 25 per cent to meet their medium-term future needs.

Even if the space is created, the signs are that the City will choke as a result. "Michael Cassidy (the chairman of the City Corporation planning committee) has seriously underestimated the infrastructure problems with the level of demand he anticipates. Quite a number of major property developments in the City involve the loss of car parks," says Marsh. The Broadgate office complex now stands on Liver-

pool Street station's former car park.

All this bodes well for Canary Wharf in London's Docklands — the 10 million sq ft scheme proposed by a consortium of American banks. Cautious and inscrutable they may well be, but the Japanese may be forced to ditch their more traditional inclinations and consider a trip to Docklands, along with other less hidebound operations.

The oncoming that Docklands will be able to offer is what has been described as "critical mass" — a development of sufficient size to create its own financial community. That is if the banks can overcome their prejudices and move down there. As usual, no one wants to be first.

Beyond the banking fraternity, five "little bangs" will swell demand for London office space, says APR. Lawyers, the accountants, the building societies, commercial estate agents and the media and design industries are all directly inheritors of Big Bang's economic spin-off.

Increasingly image-conscious, corporately competitive, and computer-driven, the largest of the professional partnerships — or more often today, companies — are all upgrading their headquarters. Even though many of them are growing fat on the back of Big Bang and corporate takeover hysteria, they are still being forced from their traditional City and mid-town haunts by rising City rents. Even West End rents are moving beyond their reach, because the larger buildings are now regarded as bank fodder. Supply in both the City and the West End has all but dried up until after 1987.

Edward Erdman identifies 35 schemes over 50,000 sq ft in the City, E1, the south bank and in Docklands, totalling more than 11 million sq ft which could start in 1987. This excludes Canary Wharf.

So the potential for supply to balance demand is there — but will planning policies get in the way?

Sugar candy adventurer

Helmut Jahn presented a capacity audience with a procession of glass stupps on Tuesday night, writes Tim Ostler.

SHOULDERS padded like a Chicago Bear quarterback, Helmut Jahn presented his work for inspection to a packed Jarvis Hall on Tuesday night.

During one of the brief periods of intelligibility in a talk otherwise weighed down with jargon like so much glittering masonry, Jahn described his goal as to "bring back romance and adventure into architecture".

Unlike Philip Johnson, he believes in combining historical references with modern constructional methods. "Combining stone, glass and metal in a very black skin," he said, "removes some of the Modernist bias against natural materials."

But, as the slides continued, the assembled throng saw Jahn become more and more detached from questions of detail, as in a procession of fancy dresses of steadily increasing improbability, one sculpted mirror-glass stupa followed another. Chairman Charles Jencks described the blocks cheekily as "fast food" architecture, but perhaps "sugar candy" would be more appropriate. They tend to be croded internally like so many rotten teeth, forming impressive gal-

leries where the masses may be overawed and relieved of any dollars they may happen to be carrying at the time.

Jahn has, like Mies after him, attempted to reach an accommodation with Hilar, had his share of political controversy, three of his buildings being built in South Africa.

One-eleven Diagonal Street, referring to its context in a rather fatuous manner by being designed to the shape of a diamond, is built on land from which small black businesses had been evicted. It sits slap bang in the centre of the most colourful commercial area in Johannesburg. Jahn, however, complained that "there was little or no context of the site".

Jahn's talk was peppered with references to, and criticism of, old-fashioned Modernism and of the legacy of Mies. But, when one young member of the audience asked politely how he could bring himself to work in South Africa, whose system he said was "infinitely more disastrous than the works of Mies van der Rohe", Jahn found himself taking a leaf, involuntarily, out of the master's book: "I'm an architect, not a politician," he declared.

THE rumoured demolition of the Divis Flats complex in Belfast has been confirmed by Northern Ireland Housing Executive.

Figures released by the board put the cost of refurbishment at £18.8 million, with demolition costing £13 million.

All the low-rise blocks will be removed, but the 19-storey tower block at the centre of the estate will be retained.

Battle for presidency

from page 1

many as a "grey" man. But it is believed that neither in the Institute are so dependent for Hackney not to take it over, that they have convinced a "very important" member to stand against him.

This would have the dual effect of rejecting not only Hackney, but also Andrews, Council nomination for president.

One senior member of Council this week confirmed that he had given his support to a third party "who was considering standing in the election. He would not say who it was."

Hackney is also contesting the presidency of the International Union of Architects. He has challenged the RIBA's nomination, Owen Luder, and informed sources at the RIBA are suggesting that he would rather be at head of an international organisation than the RIBA.

Divis flats to be demolished

THE rumoured demolition of the Divis Flats complex in Belfast has been confirmed by Northern Ireland Housing Executive.

Figures released by the board put the cost of refurbishment at £18.8 million, with demolition costing £13 million.

All the low-rise blocks will be removed, but the 19-storey tower block at the centre of the estate will be retained.

Silverman for Cardiff

RICHARD Silverman of 45 Ales French Partnership has been appointed head of a school of architecture at a University of Wales, Cardiff. His appointment follows a retirement of Professor John Hynon.

Silverman, who taught at Bristol University until a closure in 1983, was an active member of the CNA Architecture Board and also the Science and Engineering Research Council buildings committee.

Insurance worries over prc repairs

DISCUSSIONS are taking place on the possible abandoning of the insurance element of the Government's scheme to repair precast reinforced concrete homes, sold under right to buy legislation.

This is because the company behind the scheme, AA Mutual Insurance, has recently seen its South African parent company fail.

Although the UK subsidiary remains solvent, the public interest and political sensitivity surrounding the prc scheme has made both the DoE, which produced the Housing Defects Act to protect purchasers, and the National House-Building Council, which reluctantly agreed to administer the scheme, think about eventualities.

One of the problems is that the AA rates, described by NHBC as "the only sensible quote we got", were very low, at just over £300 per house.

This was probably because the company was just entering the UK market and prepared to take on the prc scheme as a prominent loss-leader. All efforts to get quotes approaching these rates from other insurers have since failed.

The NHBC is so worried

about the repercussions of a possible AAMI collapse that it is now insisting on DoE guarantees that prc buyers would be protected in the event of the company going bust.

Another alternative, that NHBC should take over the insurance itself (it is an insurance company in its own right, but only operates as such in the case of new homes under its 10-year warranty), has also been considered.

But again the NHBC would only be prepared to do this if the Government were prepared to protect it by guarantee against "exceptional losses".

The third alternative would be to dispense with insurance cover altogether, relying instead on the strict control of pre-repair schemes and the professional liability and indemnity policies of the professionals — mainly consulting engineers — who have had repair schemes approved.

The main problem with this simple-sounding solution is building society insistence on insurance cover before they will advance mortgages on prc homes repaired under the NHBC scheme.

Georgians attack Crown

GEORGIAN Group supporters have attacked the Crown Estate over its development proposals for Smirke's Royal Mait building on the edge of the City.

Plans to gut two-thirds of the building to create open-plan offices are described as "appalling" in the group's latest newsletter.

It describes the proposals as being motivated by "crude commercial considerations".

The scheme has been endorsed by Tower Hamlets council and English Heritage.

Massive Crawley 'neighbourhood' draws local fury

A MASSIVE new "neighbourhood" planned for Crawley in East Sussex has drawn a storm of protest from angry local residents.

The development — known as Maidenbower — is for 3,750 homes plus schools and shops. It is being proposed by a consortium of Brynst Homes, Taylor Woodrow Homes and Wimpey Homes.

The consortium plans to buy the 150ha site from local farmers. The land has been singled out for large-scale development in the alterations to the Sussex County Council structure plan.

But the structure plan still needs to be formally approved by the secretary of state. A decision on the first draft is expected this month.

A planning officer from the county council said there had been "a number of environmental objections to the Maidenbower development, predominantly the loss of landscape to the south-east of Crawley and the loss of agricultural land".

The land is not green belt. The structure plan does not make any specific reference to the size of the development, although it envisages around 2,500 homes by 1996. The assumption is that if Maidenbower were to increase in size adjoining land would have to be

bought by the consortium. With the proposed closing of the green belt to housebuilders, following the appointment of William Waldegrave as the Government's "green" minister, Crawley residents fear that Nicholas Ridley will back the Maidenbower scheme.

By Amanda Bailille

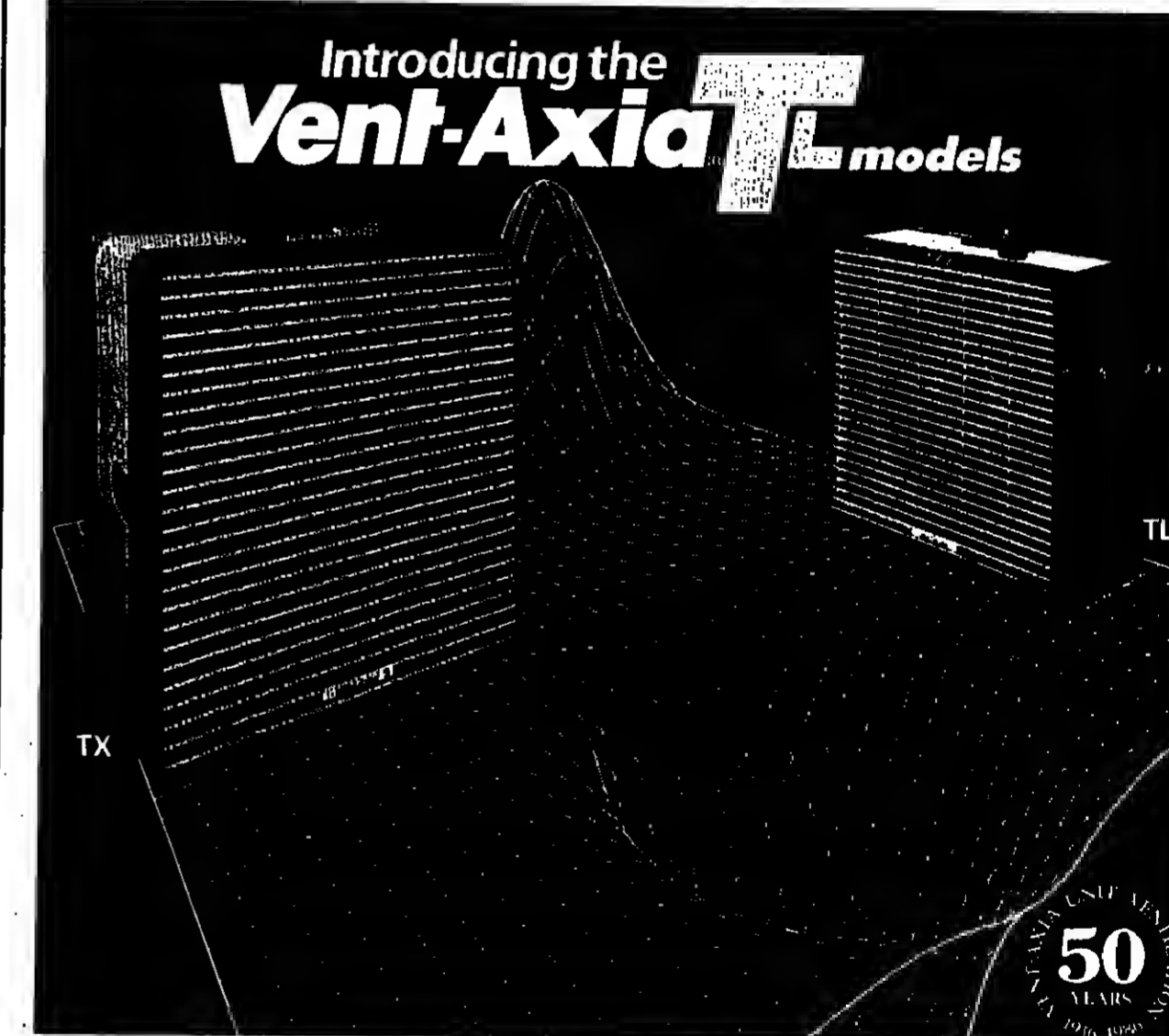
But the consortium has been accused of not providing adequate road improvements, which local residents have been told will "follow later".

There are also complaints that locals have not had time for adequate appraisal, informed comment or effective opposition. A public exhibition was criticised for being too short — it rained for 11 days — and providing minimal detail.

One architect resident told BD that there had only been time for one local meeting, chaired by the local rector, which was attended by "350 very angry locals".

A spokesman for the consortium admitted there had been "a fair bit of local opposition", but said: "Things must get worse before they get better."

He said Maidenbower was desperately in need of more housing.



We've doubled your choice and helped cut the cost of fresh air.

We've been changing ventilation into air ecology with the new Vent-Axia T-Series.

The further addition of the TL-shutterless model—doubles the range to 32 different versions. It's particularly ideal for use with ducting, in room-to-room systems and the ventilation of specialised equipment.

In situations like these, the shutterless Vent-Axia TL is the clear choice for value.

Like other T-Series models

this designer styled unit is tough and highly reliable. And it offers fully automatic control using sensor switches. Reversible air flow. And a unique speed control pack which allows High, Medium or Low to be preset at installation or a later date.

There are window, wall, panel and roof versions each in 4 sizes. Discover more about TL and the complete T-Series range by returning the coupon. At the double.

Tell me all—send me information on the Vent-Axia T-Series including the new TL models.

NAME: _____

COMPANY: _____

ADDRESS: _____

POSTCODE: _____

Post to: Vent-Axia Limited, Fleming Way, Crawley, West Sussex RH10 2NN. Or phone: 0293 855062.

800310L

Vent-Axia

Anything less is a false economy

(Vent-Axia Ltd. A Member of the AFV Group.)

12 NATIONWIDE VENT-AXIA SALES, SERVICE AND DISTRIBUTION CENTRES. SEE YOUR YELLOW PAGES.

Enter 2 ON EXPRESS

Fighting vicar wins campaign

COUNCIL officials in Oxford have red faces after a DoE enquiry team overturned a planning refusal for a vicarage and took the unusual step of awarding costs against the council.

Reverend Martin Flatman, who had been campaigning to build a vicarage on land near Bartlemas Cottage, Cowley Road, said the award implied that council officials had been "bloody-minded" and had given wrong advice.

It was wrong that local ratepayers would have to pay the bill for the council's legal costs and architects' fees.

Oxford City Council refused planning permission for the vicarage on the grounds that Bartlemas was one of the few remaining rural areas of Oxford.

It lost after two appeals and the vicarage is due to start on site next year.

Top of the ILEA class

THE London Institute's Design Show opens at the Royal Festival Hall on October 7 and will run until October 25.

Staged by the Inner London Education Authority, it is part of the "Class of '86" series of exhibitions promoting the work of the London Institute.

Planners reject Nuffield reforms

THE Nuffield report on town and country planning, which recommends major reforms, has been greeted with scepticism by the Royal Town Planning Institute.

Institute president George McDonie said: "The Nuffield call for explicit and systematic statements from central government on major national policy matters is fully justified. But I doubt whether an annual White Paper should be the medium for promoting them."

He also questioned proposals that the environment secretary should only call in planning proposals which affect national policy or disputes between authorities.

"There are other circumstances when a call in is necessary," he said. "For example, where the authority has a vested interest in one of a number of different proposals."

Leeds backs plan for shop complex at Corn Exchange

LEEDS council has approved plans by Alsop Barnett & Lyall and the John Brunton Partnership to turn the city's historic Grade I-listed Corn Exchange into a shopping centre.

A meeting this week approved a reworked scheme for the 1860s Cuthbert Brodric building and will recommend the architects to put in for planning permission. The £1.5 million scheme, next to the £60 million redevelopment proposed for Kirkstall market, could give up to 2,000sq m of retail space on a prestigious central site.

Although the Corn Exchange is largely disused and in need of repair, any development of the site will have to be referred to English Heritage for listed building consent.

Local conservation groups are monitoring possible changes to the building.

There is particular concern about a previous scheme by Alsop Barnett & Lyall's developer, Mount Provincial, which gave access to the base-

ment through a large central hole in the middle of the ground floor.

John Lyall, who initiated the scheme to refurbish the Corn Exchange three years ago, told BD: "We are well aware that the building is listed and no way are we going to vandalise such a masterpiece."

Lyall envisages a Covent Garden-type market for the building. He confirmed that the basement had to be put into use to make the development viable, but said that access was now

planned in a more sympathetic way.

He had had discussions with English Heritage's planners, many of whom had been involved in the regeneration of Covent Garden in the 1970s, and their advice was "very helpful".

The architectural team also has Patrick Nuttgens as an advisor.

Lyall and his team will now be hard at work until the end of the year drawing up the scheme for planning permission.

"What we want now from everyone, no matter what camp they are in, is enthusiasm for a scheme to find a new use for the Corn Exchange," he said.

By Alan Thompson



The harbours of Seville

Emilio Ambasz has won the international invited competition plan for the 1992 Universal Exhibition in Seville, after dropping his plans for the fair earlier this year. The site is on an island in the Guadalquivir River, where the current view of the city is dominated by the Giralda tower. The plan is a measure that will cut the cost of expensive land reclamation. The exhibition is "Era of Discovery" and it is an anniversary of Columbus' discovery of America. After the fair, the site will become a public park, with part being taken over by the city.

Campaign attacks shire plan

A MAJOR government reform to streamline the planning system in the shire counties has been slammed by the Campaign for the Countryside (CPRE).

Environment secretary Nicholas Ridley outlined the proposals to abolish strategic land use planning at the Royal Town Planning Institute's summer school held in Nottingham this month.

CPRE chairman David Astor warned that "removing proper strategic plans would create so much uncertainty that urban-type developments would inevitably spill out haphazardly over the countryside".

Snozzi talk

LUIGI Snozzi will give an illustrated talk on his work on Thursday at 6.30pm at the Courtauld Institute, Portman Square, London W1. An exhibition of his work continues at the 9H Gallery until Friday.



Environmental award

Retford council has given an environmental award to the John Brunton Partnership for their Cascades Shopping Centre in the town (pictured). The award will be presented next week. The judging panel praised the design for providing a useful public amenity while enhancing the built environment.

'Neddy' to back quality assurance for designers

THE Building "Neddy" is to back the development of quality assurance schemes for the design professions involved in the construction industry.

The move follows the meeting last week of the Building Economic Development Committee (Neddy).

This discussed a paper by Malcolm Taylor of Building Design Partnership.

Taylor warned that unless design professionals developed their own "QA packages", they could be overtaken by design-build companies prepared to guarantee the whole of a job rather than individual elements.

Although "quality assurance" is not a guarantee of excellence but a guarantee that products will meet stated specifications, Taylor's paper forecast increased demand for QA from clients who saw buildings as manufactured objects.

He believed a single agency should stimulate and guide

By BD Reporter

Individual design professions, undertaking their own quality schemes, within an overall framework.

The RIBA, although claiming to be the lead design profession, had shown no inclination to take on this watchdog role.

A new British Standard on QA relating to the design professions should be prepared, inspection aspects of QA could be treated in the same way as Building Regulations, and the question of value for money should be examined.

Taylor said that so far the engineering professions had made the most progress, architects and quantity surveyors the least.

Now representatives of the professions will meet under the auspices of the Construction Industry Research Association to decide on how to make progress.

● Fruity building products are costing the country £10million a year, claims the British Board of Agrement in its latest annual report.

Massive demolition proposal allowed

MASSIVE facelift is to be allowed in Colmore Row, Birmingham, where Barclays Bank is to tear down Victorian offices in five adjoining buildings and replace them with 100,000sq ft of office space on six floors behind the retained facades at a cost of £15m.

The government inspector who conducted a public inquiry into Peter King & Jones' scheme for the bank's city headquarters, supported the views of local conservationists that changes to the roofs of the listed buildings and the almost total demolition of the interiors would radically affect their special architectural and historic character.

He said there was no convincing evidence to suggest that there was such an acute shortage of accommodation or suitable sites for offices as to warrant the demolition of listed buildings.

"But the buildings are clearly unsuited to modern banking needs and the proposals would provide modern offices of a high standard in one of the most important locations within the principal banking area of the city," he concluded.

The development would also provide considerable employment in the building industry.

Change Regs call

LOCAL authority architects and private housebuilders want higher standards of thermal insulation in the Building Regulations according to Eurisol, the UK Mineral Wool Association.

A survey of builders and architects carried out by the association revealed that 73 per cent of the housebuilders and 60 per cent of the architects are in favour of a change in the Regulations for thermal insulation.

A majority in both groups also said that the maximum permitted U-value of 0.6 for walls should be lowered to give better insulation qualities.

Last-minute decision saves embarrassment

SALFORD council has been saved from breaking the law by a government edict which came in the nick of time.

City town planners were prepared to defy the law and demolish the listed Ordsall Primary School in Salford because they said the building, which closed last year because of

falling rolls, was dangerous.

But environment secretary Nicholas Ridley saved Salford council from the discreditable charge of destroying a listed building without consent by rushing through listed building consent this month.

The first stages of demolition have already taken place.

Planning advice

TWO new publications from the Town & Country Planning Association should prove useful to groups interested in community and neighbourhood planning.

How to start a community project and its plus and minus advice booklets based on the community approach to planning. They come complete with case studies of successful projects and local improvements to the environment. Both publications are available from the Planning Bookshop, TCPA, 17 Carlton House Terrace, London SW1 5AS.

Coventry architect dies

ARCHITECT Charles Scott de la Mare, senior partner with Hellberg Harris of Coventry, died recently at his home in Leamington Spa after a 10-week illness.

He joined Hellberg Harris in 1950 and was a senior partner. During his 36 years there the firm designed many of Coventry's landmarks, including the Owen Owen department store. He was half-way through his presidential term of office with the West Midlands branch of the RIBA and had been active in the Coventry Rotary and Round Table clubs.

They've a lot in common with modern electric storage heater.

ECONOMICAL

EASY TO INSTALL

There are a number of quite distinct advantages to the modern electric storage heater, an altogether different breed of heater from those of the past.

So if you've not recently looked at storage heaters for your business, we suggest you read on.

THEY'RE DEFINITELY ECONOMICAL.

Electric storage heater systems have never been more energy efficient. New controls help them to respond to your changing daily heating requirements, so that capital costs are low compared with many other systems and, of course, there's the proven economy of running on low-cost night rates.

THEY'RE EASY TO INSTALL.

Electric storage heaters don't need extensive wiring. They can be installed almost anywhere you choose with little disruption to your business or your home.

And they can be installed in a fraction of the time that other systems.

Compared to the rest, it's a piece of cake.

THEY'RE SUPERMAN-PROOF.

Because they now use the same "Microtherm" insulation developed by the aerospace industry, the latest heaters can now be even less than six inches in depth.

THEY'RE MORE CONTROLLABLE THAN EVER.

Automatic controls are now able to regulate the amount of heat needed to be stored overnight for use the next day.

Automatic dampers enable some heat to be held back for use when additional heat is needed.

On storage fan heaters the warmed air output is thermostatically controlled. Altogether a lot of things have changed. All of them, we believe, for the better.

If you'd like to discover what you might have in common with the modern electric storage heaters phone Freecall BuildElectric, or fill in the coupon.

Please send me more information on energy-efficient electric heating. Post to: Electricity Publications, PO Box 2, Feltham, Middlesex TW14 0TG.

Name _____

Position _____

Company/Address _____

Post Code _____ Tel _____

HEATELECTRIC
The Electricity Council, England and Wales. 02395

Dimplex
Grada
UNIDARE



The gleaming towers

THE £260,000 restoration of Cannon Street Station's twin towers (either side of St Paul's in picture) was completed last week when environment secretary Nicholas Ridley unveiled a commemorative plaque. The towers are the only undamaged by the Railway 1866 station and are among 32 conservation projects undertaken by the Railway Heritage Trust in its first year.

More control on defects

From John Newlove
I HAVE suggested (in your columns and through published papers) that clerks of works should be empowered to issue instructions to contractors to remove, say within seven days, any work which is not in accordance with the contract.

I cannot imagine any reason why this would be "a dangerous precedent", or why it should be said to presume that the clerk of works is better qualified, presumably in general terms, than other members of the building team, as Holmes states in his letter to you (September 26).

In fact, my suggestion presumes only this:

- That the clerk of works is able to understand the contract requirements from the information provided to him.
- That it is physically possible for him to inspect the work.
- That he is able to make a comparison between the work performed and the work produced, and can form a judgment as to whether the work produced is in accordance with the contract.

JCT 80 is weak in respect of provisions for the control of work which is not in accordance with the contract, and clause 12 needs to be strengthened. Clause 10 also needs attention.

Contract needs are as follows,

with regard to supervision by the contractor:

- For a competent site-agent/general foreman to manage and control the works effectively on site.

- For an agent of the contractor to be constantly available to receive directions and instructions.

- For such additional supervisors as may reasonably be necessary to maintain adequate control of progress in all trades and to achieve the standards of quality required by the contract.

It would not be unreasonable, in these days of educational opportunity, to require the employment of a certificated foreman.

Clause 10 of JCT 80 does not meet these three requirements and is therefore inadequate to some degree. It provides only for a "competent person-in-charge" to be kept constantly up on the works to receive instructions and directions. Large organisations and public bodies might be well advised to take legal advice with a view to supplementing these provisions, particularly where very large or very long running projects are concerned.

Defects are often left outstanding for far to long, sometimes for months or years, usually to the detriment of the building owner and occasionally to the

detriment of the contractor as well. As a consequence, both architects and contractors may face damaging negligence claims long after the event.

Implementation of my suggestion would bring the situation under control, because the immediate issue of an instruction would draw the attention of the contractor to the fact that he may have a problem.

John Newlove
Hullfax

Helping hand withdrawn

From Stephen Mullin
NOW that Roger White has admitted (September 19) that the Georgian Group has been pinging for the scruffier end of the Mickey Mouse trade, those of us who have spent freely of our time and energy in the past on its behalf under the mistaken impression that its primary objective was the preservation

of buildings of quality will think twice when we are once again asked to "lend a hand". The masturbatory antics of the "art historians" have not, so far, significantly affected the work of the Ancient Monuments Society and the Society for the Protection of Ancient Buildings. And, since both these statutory advisory bodies cover, between them, all the buildings with which the Georgian Group is nominally concerned, I'll be damned if I'll give the group a minute more of my time.

Stephen Mullin
London WC1

of buildings of quality will think twice when we are once again asked to "lend a hand".

The masturbatory antics of the "art historians" have not, so far, significantly affected the work of the Ancient Monuments Society and the Society for the Protection of Ancient Buildings. And, since both these statutory advisory bodies cover, between them, all the buildings with which the Georgian Group is nominally concerned, I'll be damned if I'll give the group a minute more of my time.

Stephen Mullin
London WC1

Misquoting the Jesuits

From Rachel Scott
"GIVE me a child when he's seven and I'll have him for life" (Scorpio September 19) is not what the Jesuits are said to believe. It is quite the opposite.

Well in advance of Freud,

they held the view that a person's beliefs, hopes, fears and personal morality or the lack of it were formed in early childhood.

"Give me a child until he's seven and he's mine for life..."
Rachel Scott
London SW4

The picture tells the story

From Christopher Carter
THE William and Mary Garden at Stoke, so well illustrated in Tony Aldous' article (September 19) was wrongly attributed. It was designed solely by Colvin & Moggridge in the persons of Kate Richards and myself.

Robert Holden obviously didn't like it, but then he seems never to like anything by any of his fellow-professionals, and appears to lack Cedric Price's capacity for good-humoured enjoyment.

As to the "flat orangery facade", your readers may judge

for themselves from the excellent photograph. The match on an extremely limiting budget was six telegraph poles vanged from the site, and a wood.

Design began 15 months before opening, and construction (which had to wait for sponsorship) in October 1974 which has a lot to do with troublesome trees, but the another story.

Christopher Carter
Lechlade
Glos

Pretentious review

From John Lambie
FURTHER to John McKean's extremely pretentious review of the work of students at NEU (September 19), I tutor friends of his... "What's his of old Pollocks."

John Lambie
London N16

Change of tack for Kingston

From Glyn Banks
UNDER the heading "Young blood flows out" Scorpio (August 1) asked what is happening down at Kingston Polytechnic — "Under the guise of staff 'cuts' the school of architecture seems to be undergoing a subtle change of tack, orchestrated by an inner cabal of full-timers."

Peter Jacob (deputy head of the school) did not disappoint anyone with the predictability of his reply (August 8) which pleaded that "it is simply the unrelenting and depressing effort of maintaining a part-time staff in the teeth of the unending munificence of the Department of Education and Science."

In a recent letter to Hannah Vowles (part-time tutor who has resigned in protest over the "cuts") Dennis Berry (head of school) explained: "It is not my intention that we should no longer employ non-architects, and if ever the day does come when funds are more plentiful in education, I shall be the first to extend the staff beyond the minimum nuts and bolts level... We are to be visited, as you know, by the RIBA and the CNAA next year. It would be thoroughly irresponsible of me to present them with a staff devoid of technology specialists but including a painter, no matter how valuable or eloquent he may be in architectural debate."

I may be, to use Marcel Duchamp's phrase, "dumb as a painter" (though eloquent) but I would suggest that the above paragraph implies a serious attack of "post-Esher" paranoia and perhaps it is not surprising for a school "devoted to technology specialists" nervously facing visits by the RIBA and CNAA. Needless to say this continues the issue (or in the case of Kingston, should we say, closes down the issue) of "specialist technology" versus architectural debate in schools of architecture in which *Building Design* has recently involved itself.

Apart from this, it may interest lovers of intrigue to know that Dennis Berry does not seem to know that an "inner cabal of full-timers" seems to know that the *day* has already come when funds are more plentiful: as the part-time teaching staff has already been extended again beyond the minimum nuts and bolts level with the recruitment of a (non-architect) graphic designer from the Kingston art foundation course to replace me. It is clear that words and actions emerging from full-timers at Kingston do not match up.

It would seem then that with the non-renewal of the contracts of myself, Joanna Savory and Nick Timms, and the resignation of Hannah Vowles, Kingston architecture school is indeed undergoing "a self-inflicted attack of conservatism" and a not-so-subtle change of tack, which will hopefully get rid of the enviable reputation we have brought to the school in recent years.

Glyn Banks
London N1

Unattainable standards?

From John Newlove
THE problems of professional indemnity insurance seem to be getting out of hand. There is pressure on architects to reduce fees, building costs and the time required for design and construction.

Perversely, architects are expected to achieve standards of performance that would qualify for a halo and to take the blame for almost anything and everything that can go wrong on a building contract.

I think it is time for both architects and insurers to consider the possible long-term effects of this situation and to take a more realistic view of present actions.

Low fee-bidding, mentioned by W Evans as something that may be taken into account in assessing premiums (The cost of cover, September 19) is only one of many factors that may affect the insurance risk. I have had some experience of contract administration, claims and investigative work, so here is my selection of three other factors which, in my opinion, are not only common but most hazardous:

- Use of the JCT 63 and JCT 80 Forms of Contract which impose unnecessarily complex and rigid administrative arrangements upon architects.

- The misuse of technicians to administer contracts on-site and the general use of technicians without qualified supervision in circumstances where such supervision is necessary.

- A failure to have drawings checked before they are used.

To encourage architects to reduce these risks, to the advantage of themselves and their insurers, it might be an idea to offer reductions of premiums in the following circumstances:

- where all partners in a practice are professionally qualified as architects, engineers or surveyors;
- where all design and detailing is under the direct control of a qualified architect;
- where only qualified architects are permitted to administer building contracts on-site;
- where all drawings are signed as checked by a qualified architect before being issued for use by other consultants or contractors;
- where practices undertake not to use the JCT 63 or JCT 80 forms of contract.

Acceptance of this idea of giving discounts for safer working practices would allow architects to make rational choices in the matter of indemnity insurance. Evans wrote that he would be interested in the comments of insurers. So would I.

John Newlove
Hullfax

Surface sprawl

From Arthur Quarby
PLANNER David Higdson dishes out a gratuitous side-swipe with his phrase "Earth-shelter shopping city, Quarby-style, would be especially offensive" (September 12).

I find Higdson an obscure writer, but his blanket condemnation on aesthetic grounds of earth-sheltered developments as a constructive way of designing a development into the landscape is, in my experience, at variance with the views of most of his colleagues in this country and abroad.

Would he extend his condemnation, I wonder, to the deep-mined storage caverns for propane and butane near the Lincolnshire coast? And would he prefer to see such storage on the surface as in the past?

Letters

Much of the present interest in underground shopping is aimed at the use of under-utilised below-ground space in city centres; is this to be condemned also in favour of further sprawl?

Arthur Quarby
Huddersfield

Missing the point

From Michael Perring
YOUR correspondent H I Meyer warns us again that working for housing associations may damage your health. One of the 2,500 architects who does (Letters September 5) bravely explains why, but I feel both are missing the point.

The Housing Corporation opened its doors for business in 1964 and the first questions asked, by the first applicants for loans, were about the fees. As some of the schemes shown were slightly dusty with age, for sites which had also been around for some time, the corporation could not have picked up every fee tag. Also, like any bank (there had to be security in land) for every loan agreement and every payment made.

By 1974, with the early "fair rent" schemes entering the

system, the housing associations were falling up with development officers and the cost was not by generous "development allowances" earned on each successful project. Those of us in the business found that this income, particularly when combined with in-house fees, comfortably supported the essential ongoing speculations including the cost of stage A and B work by outside consultants. Typically, these work stages were offered to consultants already on stream and the cost would be gauged accordingly.

In the 80s, however, the position has worsened. The Housing Corporation's position is precisely the same and it cannot pay for failure which it did not initiate. But the associations are no longer so able or willing to back up their "pre-loan approval" instructions with cash. This is partly due to their declining programmes — too many of them chasing too little finance — but also to the committees' attitudes to uncertainty which leads to them having more panel consultants than their programmes justify.

Each may do an abortive scheme in turn and each is understandably vexed when the scheme which is approved was not his.

A further problem is that it now takes so long even for an approved scheme to get under way. The panel architect may have to see his one scheme to satisfactory completion (five years after he was first penalised in) before being asked again.

Meanwhile, a significant change is taking place in the way associations obtain their housing stock. They are buying packages from developers and the irony, for the consultants, is that the Housing Corporation — having seen how long its procedures take — now actively encourages these off-the-peg purchases and a quicker cash flow to the associations.

The proper response from the profession is to urge the corporation to strive to restore the excellent position which prevailed in the 70s.

First to allow associations to perform their proper client function and to seek only commissioned schemes, fully detailed and supervised.

Secondly for the associations to trim their own overheads to find genuine stage A and stage B work or to trim the size of their panels so that consultants will schemes in hand can do feasibility economically.

Thirdly, the arguing between the profession and the associa-

tions has to stop so that this worthwhile enterprise can proceed as it was meant to. And that must, without prevarication, allow that our professional liability is no different here than for any other client.

Michael Perring
London WC1

At least we're honest

From Karl Renner
WHATEVER George Djurkovic may think of our architecture (September 19), at least in our Grand Buildings entry we had the balls to design a new building, rather than the sham which eventually won the competition.

Karl Renner
London W11

Letters

Letters should be typed double-spaced on one side of the sheet and sent to: The Editor, *Building Design*, 30 Calderwood Street, London SE18 6QJ. We reserve the right to cut or amend correspondence.

Fighting for the reigns on the planning bandwagon

Lively debate on who should control design was a feature of the Town & Country Planning Summer School, held this year at Nottingham University. Peter Waatharhead reports.

ENVIRONMENT secretary Nicholas Ridley chose Nottingham to launch a consultation paper proposing the abolition of county structure plans — leaving district councils as the sole statutory plan-making authorities.

This, he argued, would produce a stronger and more effective planning system by removing a layer of bureaucracy and bringing the shires into line with the former metropolitan county areas. In place of structure plans he proposed strategic regional guidance which would be produced through voluntary joint working of the counties and his department. Additionally, counties would produce non-statutory policy statements on major land-use issues such as strategic highways, minerals, waste disposal and the provision of land for housing and major retail and industrial development. To many delegates it seemed a confusing and odd way to cut bureaucracy.

Royal Town Planning Institute president, George McDonic, thought the secretary of

state "might have a lot to understand about planning" and foresaw a reversion to the pre-war planning scene in which little was done to reconcile the confusing policies of differing councils.

Ridley also reminded planners of his thoughts on design control which he delivered at the RIBA conference, stating: "It is a risky course for planners and planning committees to arbitrate on matters of design." He acknowledged that his shadow minister, John Cunningham, seemed to believe the opposite.

McDonic, opening the summer school, exhorted delegates that "it is of fundamental importance that planners retain the right to have control over architectural design" and this is a matter which they "should be prepared to stand up and fight for". Planners, he added, reflected the opinions of lay people which the system serves. He criticised the lack of national and regional policies, adding "no longer can we go forward with our planning system based on criteria related to market-place demands". Major public inquiry proceed-

ings discredited planning and should be replaced by a staged process which looked at need and evaluated alternative locations before considering the detailed siting and design of a specific proposal.

McDonic's other reforms included overhauling procedural delays in development plan approval — "a notional disgrace" — for which he blamed the DOE, and wider use of environmental impact assessments for major and controversial proposals. He also believes that the way local authorities permit their own developments should be scrapped because public confidence in it "is at an all-time low" and that independent inspectors should take the decisions.

Architect and planning consultant Terence O'Rourke argued that the pendulum had swung too far towards the preservation of the status quo for the sake of the nation's economic health, with innovation being smothered. Conservation had become dominated by "the red guards of the preservation movement" and it was time that they were stopped.

This generation was the first history to hold such dangerous views, he claimed, and a marked change of attitude was needed.

New development was usually in pastiche pseudo-vernacular style which O'Rourke tagged "ignominious, banal and utterly meaningless". Planners were blamed for taking the safe option and falling over in fear of those who shouted loudest.

There had to be change if inspire recovery, for only a priority could pay for serious conservation. Needless to say, Gavin Stamp, who had a slideshow promoting the Thirties Society, did not agree and fearlessly rejected the argument that planning free-traded architectural creativity. There was ample scope for innovation, he said, and illustrated a wide selection of the types of buildings which he wanted preserved.

Ian Davison, former managing director of Salvesen Homes (West Midlands), criticised developers for relegating design to a packaging exercise in a similar way to the presentation of corollaries. There had been significant improvements in housing since layout over recent years, he argued, but the planning system offered no commercial incentive to the few developers who were prepared to meet the cost of achieving high design standards.

Design too was a combination in the changed planning system advocated by Jim Angus, former Liverpool city planning officer and Birmingham city executive, now an academic. His development controls would replace land-use classifications to give more variety in urban development. But these standards would assess environmental impact through design, traffic generation, noise and pollution.

Insensitive design worried Jonathan Porritt, director of Friends of the Earth, who urged a green approach to development. He condemned the sterile way in which buildings and landscape were often designed and said that better ecological concern was needed.

Faculty of Architects and Surveyors
15 St. Mary Street, Chippinham, Wiltshire SN15 3JN
Telephone 0249 655398

Can We Help You to Qualify?

For sixty years the Faculty has provided support and unique specialised professional services.

It conducts recognised qualifying examinations, leading to corporate membership in Architecture (outside UK) and the following surveying sections:-

- Building — Civil Engineering — Construction — Estate — Land and Hydrographic — Municipal — Quantity — Town Planning — Archaeological — Valuation

The Faculty gives direct corporate membership to holders of certain surveying and engineering qualifications, to Registered Architects and to Mining Surveyors.

Licentiate Surveyor membership is open to well-qualified Surveying, Engineering and Architectural Technicians and also advanced students of these professional disciplines.

Student membership is available to suitable candidates for our examinations.

HCP "CHOOSE YOUR OPTION"

I CAN'T SEE A PERIMETER HEATING SYSTEM THAT FITS THE BILL HERE.

LET'S TRY HCP THEN.

AS MARKET LEADERS LATER... THEY'LL DO SPECIALS I SUPPOSE?

ACTUALLY THEIR STANDARD RANGES OFFER OVER 140,000 DIFFERENT COMBINATIONS.

I USED ONE OF THE 14,000 HCP COMBINATIONS TO GIVE ME A UNIQUE DESIGN THAT MET OUR NEEDS — IT WORKS WELL AND LOOKS SUPERB.

YES HCP HAVE THE BIGGEST CHOICE OF STANDARD PERIMETER HEATING OPTIONS TODAY. SO IN FUTURE SAVE MONEY ON "SPECIALS" BY SPECIFYING HCP. THE PROFESSIONALS.

Professionalism is only a telephone call away. 0424 82755/53322 (12 Lines) or circle reader enquiry number.

"It's raining cats and dogs yet there's not a drip through the roof. How do you account for it Holmes?"

"Elementary my dear Watson it's Ward Standing Seam."

Interlocking standing seam panels above water drainage level.

Ward SS600, available in both steel or aluminium, is a complete system with a range of accessories including roof lights and gutters.

It's yet another case of Ward innovation in action. Ward Building Components offer the solution to so many applications. And of course Ward Integrity is unquestionable. Shouldn't you look more closely into what Ward can do.

Ask for our full colour literature.

WARD

Ward Building Components
8 Harburn, Malton, North Yorkshire
YO17 8PQ. Tel: (0944) 70591
Telex: 52354 WARD G
Telefax: 70777

Ward Standing Seam Roof SS600 meets the most critical specification requirements to give durable, attractive cover, to all commercial and industrial buildings whatever the weather.

What's the secret? 97% fewer fixings virtually eliminate leak possibilities — a snap-on

Infill



Moving image

Alan Phillips

Faith and favour

ONE of the marvellous things about America — at least in some of the states — is the absence of planning regulations. Walking across 260 acres of Mississippi farmland, including some beautifully fragile landscape, my client was horrified at the suggestion that some other authority might control and influence her right to build or, God forbid, how the building might look. The land belonged to her, and she could build where she liked and how she liked. It was a strong and new feeling to come away from our first meeting with no more between me and my architecture than imagination. No application forms, conferences, negotiations or compromises. Just an act of faith by the people of the state, that the architect is the most capable person to make architecture.

And there are no qualms about building in an area of outstanding natural beauty. Everything needs to be measured against its opposite, and there



can be no better challenge to the man-made than the magnificent excesses of our "natural" world. When our architects at home are relegated to railway sidings, disused car parks or polluted inner-city infill sites as potential places for great architecture, it is perhaps no wonder that more and more are clinging to the eclectic petticoats of history.

Witness the fabulous train journey from Paddington to the West Country and it is almost too obvious how the architecture improves (with and without architects) as you move from the cities to the countryside between. Moreover, it is somehow expected that a great house, folly or chimney will characterise a rolling landscape, or that a cliff will be marked with staircase or hotel.

Imagine the Lot Valley in the Dordogne without its buildings, or the gardens at Stourhead without the temples and grottoes.

Layers and lace

EDINBURGH is one of the most three-dimensional cities in the world. It is also a city for walking which promotes a greater appreciation of its qualities. The site, of course, helped. Yet the almost mystical response to the valleys and vistas challenges the overly rational

base of contemporary urban design theory.

It is a city of edges, layers and surreal juxtaposition. In the Old Town especially, one is continuously aware of being on a bridge, above a road, above another bridge — or on a pavement that suddenly rises above ground to then plunge down yet another monumental staircase to meet a moat or a market. One of the most enjoyable experiences is to walk backwards up the Royal Mile towards the castle. Being conscious that you are in the centre of a capital city, it is almost abstract to watch the scene appearing over the roof of the palace, inverting the spatial layering and setting a watery canvas behind the tunnel of historical buildings. Or walk in the opposite direction, past the palace, with your eyes closed. After only three minutes, and without looking back, it would be easy to pretend that the city does not exist; climbing Arthur's Seat, it is almost as if the great Rock is a landscaped metaphor for the town itself. Lakes sit above lakes, which sit above the sea — paths lace together dips and rises — and the outcrops of granite bear reference to the Great Mediaeval Edge by the Royal Mile which cascades into the valley and complements the peopled line of Princes Street.

The New and Old Towns work together simply because they do not try to imitate each other. There is no compromise, and nor should there be in future interventions. But I am suspicious that the City Fathers will yet again dissolve the passions of the young architects under the specious blackmail of context. Context should never be seen as some kind of levelling device. It is a challenge, and an opportunity for counterpoint and juxtaposition. Imitation is not the highest form of compliment, it is the lowest form of insult. And the sort of pastiche creeping into the heart of Edinburgh will surely destroy a city whose very brilliance depends upon a history of courage and commitment to the "Architecture of an Age".

Square Trafalgar

BACK to London and it becomes impossible to pass through Trafalgar Square without comment. Here is a great site in a famous urban landscape. How can it be therefore, given that all the other buildings were expressing with degrees of success the spirit of their age, that a facsimile of a parody of a pastiche of a "classical" prototype could in any way be seen as mirroring the cultural ambitions of a nation that trembles 14 years from the 21st century?

More alarmingly if we are to understand the decision of the jury of Grand Buildings as some sort of barometer as to architecture's current predilections, it might be better to form an "Architects for Export" club, and lobby people like President Mitterrand. His belief in contemporary design, proven by Philippe Starck's commissions for the president's private rooms, amazes Thatcher who, given a perfect opportunity to support architecture, abdicates her duty as a cultural patron in favour of a Borlatti Special in Dulwich.

BUILDING DESIGN

Building Design is published from Morgan Grampian House, Calverton Street, Wokingham, London RG40 3BT 01329 7777 ISSN 0007-3423

Conference special

THE trouble with party conferences, especially of the pre-election variety, is that the delegates feel compelled to air their views on weighty matters of state, which generally only goes to show that however slow-witted their leaders, they are streets ahead of the rank and file. This is good for a laugh, of course, and reminds us of the dictum that farce is the tragedy that happens to outsiders. I think of this every time the Liberal Assembly meets. It is rare for delegates to discuss something they know about, and which might be popular with the electorate. Instead they pontificate about defence, economics etc. But why not discuss easy vote winners? And come to that, why not put cheap and popular policies in election manifestos — for example the outlawing of compulsory service charges in restaurants, the provision of enough rubbish bins on our streets, or the elimination of VAT on the theatre and cinema tickets?

The notion of dreaming up popular if

relatively unimportant policies has been explored in the past; when Joe Haines was a leading light in the Labour Party he once drew up such a list. Unfortunately for him, it included giving council tenants the right to buy their homes, which rubbed Labour's Mr Bumbles up the wrong way and resulted in his package of measures being dropped from the manifesto. Haines was cleverer than the Labour local authority big chiefs, and the Tories cashed in on his ideas about council housing to good effect in 1979. Tories never have ideas of their own but they can spot (and steal) good ones; Labour has plenty, but always distrusts their originators — more tragedy and farce.

It was a pleasant surprise, therefore, to read the recent ISD policy for the arts, which contains some good ideas, both cheap and practical. The one of most direct interest to architects is the proposal to make clients pay 1 per cent of the cost of the building towards art to be incorporated in it. The details of the

The Editor's Comment



policy are fuzzy, as the party refreshingly admits. But the notion is a good one, though there are some reservations. The principal of these is that "compulsory art" will result in the widespread commissioning of not-very-good art, or the more means worse principle. This is probably a risk worth taking since coverage art is infinitely better than none at all. This policy is scarcely likely to be a big vote-winner, but as a good idea it is now up for grabs. The Art & Architecture Group should be thanking Dr Owen, who should now get someone to write him a paper on the desirability of landscaping.



Ward Architectural Systems Ltd. is a leading manufacturer of building products. We have a wide range of products to meet your needs. Our products are made from high quality materials and are designed to last. We offer a full range of products for your building project. Contact us today for more information.



Please return to: Ward Architectural Systems Ltd., Parkland Close, off Charter Avenue, Canley, Coventry CV4 8AU.

I require information on the following products:

☐ INTERPANEL ☐ THERMASPAN
☐ SCHUCO FW60 ☐ SCHUCO ISOTHERM

Name _____

Address _____

Post Code _____

Tel: _____

The new force.

Ward Architectural Systems Ltd., Parkland Close, off Charter Avenue, Canley, Coventry CV4 8AU.

NOW'S THE TIME TO TALK TO IBSTOCK.

HAPPILY, INSPIRATION MAY STRIKE AT ANY TIME. BUT BACK AT THE OFFICE COMES THE RECKONING. IS IT PRACTICAL? IS IT AFFORDABLE? IS THERE A BETTER WAY? THIS IS THE TIME WHEN ARCHITECTS AND OTHER SPECIFIERS SHOULD INVESTIGATE THEIR BRICKWORK IDEAS AT THEIR NEAREST IBSTOCK BRICKWORK DESIGN CENTRE. DISCUSS THE TECHNICAL AND STRUCTURAL ASPECTS OF YOUR DESIGNS WITH BRICK SPECIALISTS IN A RELAXED YET PROFESSIONAL ENVIRONMENT. OR SIMPLY CALL IN TO KEEP IN CLOSE TOUCH WITH THE LATEST DESIGN AND PRODUCT DEVELOPMENTS. IT'S NEVER TOO EARLY TO TALK TO IBSTOCK.

BIRMINGHAM 021-456 8080 • BRISTOL (0272) 272766 • CAMBRIDGE (0223) 316999 • GLASGOW 041-332 3202 • LEEDS (0532) 444473
LONDON 01-402 1227 • MANCHESTER 061-236 1580 • WEST HOATHLY, SUSSEX SHARPTHORNE (0342) 810678

IBSTOCK
BRICKWORK
DESIGN CENTRE

Enter 10 ON EXPRESS ENQUIRY CARD

Enter 11 ON EXPRESS ENQUIRY CARD

Perspective

Happy families

BRENDAN Woods was one person everyone wanted to talk to on the evening when 11 Park Road, north London, was declared open.

Woods, of Solon Cooperative Design Group, was the architect responsible for the conversion into four flats. He had become quite a friend of the Shrine Housing Cooperative and something of a hero for making the dreams of so many come true.

Shrine was set up in 1982 as a democratic Afro-Carib co-operative to buy, lease, convert or improve properties and build new ones. This house was bought in April 1984 and various members of the co-operative lived there on short-term tenancies until the conversion began in May 85. The £75,000 project was funded by Brent council.

Architecturally the house is not especially complex, although the division into four one-bedroom units produces some difficult orientation. A first-floor maisonette leads down into the rear extension.

Throughout the 12-month contract the architects and co-op members met on the first Monday of each month to thrash out what everybody wanted and what was feasible. The close co-ordination between designer and end-users meant the residents could be involved in the choice of their own colour schemes — some of which are highly individual — laminates, ironmongery and kitchen units.

For Alex de Rijke, Woods' assistant, this was one of the most positive aspects of the project: "It's so much more fun to work this way. If things start to get over budget, you can just get together and make sure no-one gets too disillusioned."

Each flat is based on an octagonal shape; in some it takes



The flatmates from the top-floor flat. (Photos Geoff Beckmann)

the form of an entire room, in others it is the reception room with the kitchen partitioned off. The building bears the hallmarks of Woods' style, the addition of portable windows at each level and terraces and balconies marked by grey trellises. The four units are clearly defined and the choice of decoration undertaken with each occupant. And for the

residents the pride in what they had helped achieve is apparent.

Fiona G.

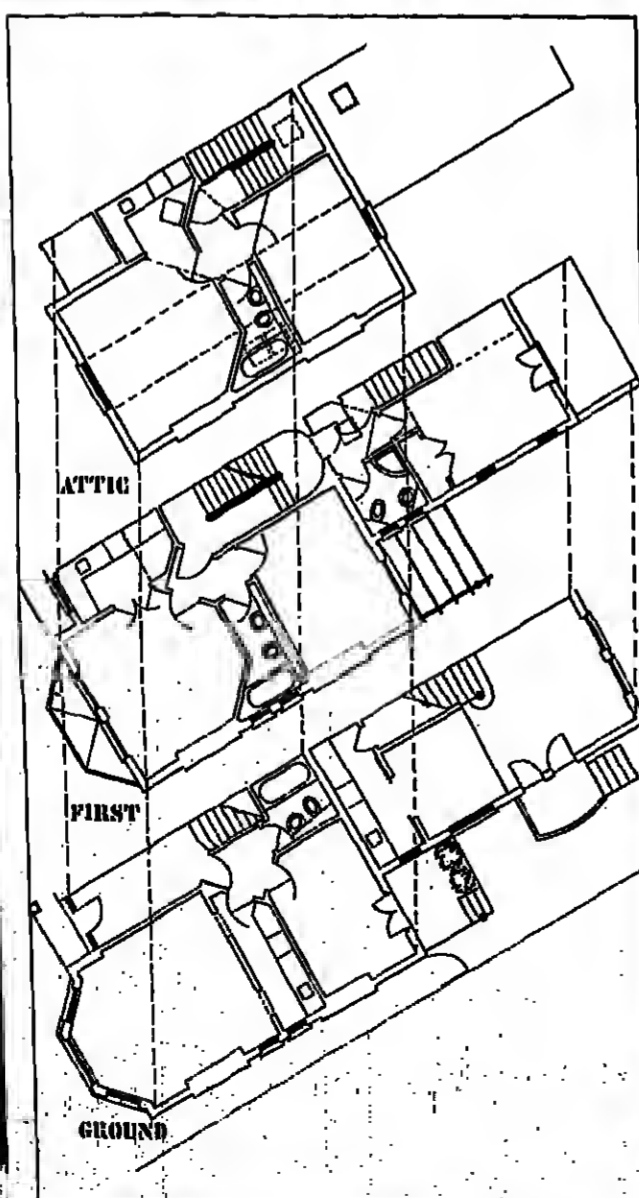
Client: Shrine Housing Co-op. Architect: Brendan Woods, Solon Cooperative Design Group. Contractor: Ben Rhoads, Construction Co. Shredder: Sam Jangil & Co. Joiner: Stuart Case of JCB. Sinks.



Portholes and trellises — Woods' signatures.



A bit of paint and good as new, 11 Park Road.



Split-level floor plans.



The ground-floor flat and maisonette; each have a terrace.

Scorpio



Bank of England plans up in smoke

REVISED to alter the Bank of England's interior may have to be rethought again after the mysterious fire last week.

Only a month or so ago, that conservation watchdog the London Advisory Committee rejected an application by the bank for alterations to two of its major rooms so that its museum could be enlarged.

Commissioners took a very dim view of the plans, which included inserting a mezzanine floor into the Rotunda and "Soane Hall", which although altered by Sir Herbert Baker is still considered one of the bank's architectural glories.

Go back to the drawing board, advised the committee. The bank duly obeyed and fresh plans, we hear, are now on their way to English Heritage.

But now the bank could have to start all over again. The fire, which started in one of six wooden huts belonging to contractors Higgs & Hill, was directly above the Soane Hall.

Luckily the flames swept up, not down, but fire damage could mean that the bank has more on its hands than simply enlarging a museum.

Settling in nicely

THERE is no truth in the scurrilous rumour circulating at the RIBA that David Pearce resigned only days after accepting the editorship of *The Architect*. None whatsoever, says Pearce, who admits in the same breath that "things weren't easy after Jonathan left".

But we're happy to report that Pearce is now firmly in control, "giving more emphasis to the affairs of the RIBA", and "what it's really like to be an architect".

Meanwhile, the man-who-could-have-been editor, father-to-be Stephen Trombley, has been reduced to writing about the dietary habits of dogs for the *Mail on Sunday's* magazine. "Why shouldn't dogs be vegetarians?" he asks me provocatively, as we work our way through venison paté and steak tartare.

Look and learn

FUN and games are in store at the Building 86 exhibition which opens at midday on Sunday (October 5) at Earls Court. Forget about dull product shows of the past — instead we have an exhibition produced like a magazine (courtesy of Bob Smart at BDP), with themes, headlines, features etc.

The fun will take place in a space at the end of the exhibition area, where imagineers including ex-BD editor Sutherland Lyall have devised competitions to test the wits of design professionals.

Among these are a variation on "The price is right" for quality surveyors, who will have to identify the correct prices of building products (not their values). It won't be quite as simple as it sounds, because trick questions will include the price of items 50 years ago.

Architects are being set a structural design problem (judges include Bob Smart and engineer Tony Hunt), involving a Jan Knipklyck-type scenario incorporating a cube and a brick. I dare not say more.

One idea outlawed by the organisers involved a team of dwarfs pulling energy supremo Peter Walker along on the back of an elephant. Apparently the hire of the elephant was thought excessive.

Vanishing point

WHILE plans for the tallest building in Europe, a 60-storey tower in Whitechapel, have been shelved, the dynamic duo — I mean of course Ian Ritchie and developer Roy Sandhu — have come up with another scheme.

Apparently Sandhu has ideas about converting a tea-shop in St Katharine's Dock into a restaurant. What type? Who knows, but in a clear reference to the office tower, the restaurant's likely name: The Indian Rope Trick.

Scene and heard

TRYING to get your wife to give up smoking? John Selfert has the answer. He bought Mrs S a valuable ring — provided she gave up the weed. If she reverts? He takes the ring away and gives it to her sister!

● PROPERTY people are, as we all know, dynamic, efficient, up-to-the-minute etc. Do they know something about Sir Philip and Hidalgo that has escaped the rest of us? The Cambridge University Land Society has arranged a tour round the Queen Elizabeth Conference Centre, which they say has been designed by Pearl Meyer & Partners.

● A CURIOUS story in the *Asian Wall Street Journal* describes a lavatory unit developed for Japanese Railways which contains magnetic timing devices buried in the door. These set off a 1.5 gallon flush if the user stays inside the stall two minutes or less, while a three-gallon flush is activated if the user has stayed more than two minutes. You just have to hope you don't get locked in.

10 years ago

TOO many buildings are being listed, says Lady Birk, a junior DoE minister. She told a conference at Oxford that many marginal buildings, particularly from the late 19th century, were being included. Soon fewer would be given the benefit of the doubt. Listing was setting down the marker, she said. It did not mean those selected would be preserved for all time. *Building Design*, October 1, 1976.

Statistics



Today, the designer of the Leaning Tower of Pisa would probably end up in prison rather than in the history books. And all for the sake of a breakdown in communications between architect and engineer.

Thankfully today, technology is available to prevent this happening, whilst simultaneously saving time and increasing profitability. It's a CAD system called GDS.

GDS builds the links between different disciplines — assisting in the preparation of drawings with its new 3-D modelling and comprehensive draughting capabilities. GDS drawings then become the template for other members of the design team, and, form the database for maintenance engineers and facility managers.

Each professional has a specialised kit of tools available including systems for building modelling, highways, mapping, structural

analysis, reinforced concrete detailing, ductwork, and electrical layout.

Accurate communication between Civil Engineers, Structural Engineers, Architects, Surveyors and other professionals ceases to be a problem as the team works together to build a platform for "whole life" project design and management.

Call us today and we'll tell you more. After all, wouldn't you prefer to be famous for getting your project right?

McDonnell Douglas. Single source solutions for industry, commerce and the public sector.

MCDONNELL DOUGLAS

McDonnell Douglas Information Systems Limited, Melton House, Guildford Road, Woking, Surrey GU22 7QH. Tel: 04862 26761

Taking care of business

The Whinney Mackay-Lewis Partnership celebrated its centenary in 1984. Now it's going for USM listing. Lynda Ralph-Knight reports.

THE Whinney Mackay-Lewis Partnership is set to become a household name after comparative obscurity outside the City of London. Apart from the Credit Lyonnais Bank, which hit the headlines in the 1970s as the first British building to use gcr cladding, the practice's work has largely gone unnoticed by the media.

Yet that work has developed steadily over the last 100 years and is now frequently in the multi-million pound bracket. While other practices have suffered the severe blows of the recession, Whinney Mackay-Lewis has not only survived the storm but is prospering.

The key to that success lies very much with the practice's speciality, for since its conception in 1884 as Whinney, Son & Austin Hall it has concentrated on financial buildings.

Brought about by a touch of nepotism when accountant Sir Arthur Whinney introduced his architect cousin T B Whinney to Midland Bank chief Sir Edward Holden, the workload has traditionally included banks, notably the Midland for its City-based "wholesale" outlets, as well as the high street "retail" branches. More recently some 70 foreign banks have been added to the client list, along with City guilds such as the Fishmongers and Clothworkers, and organisations such as

the London International Financial Futures Exchange.

"Nothing has changed over the century," Mackay-Lewis says of the practice in his usual slogan style. "Quality remains the keynote."

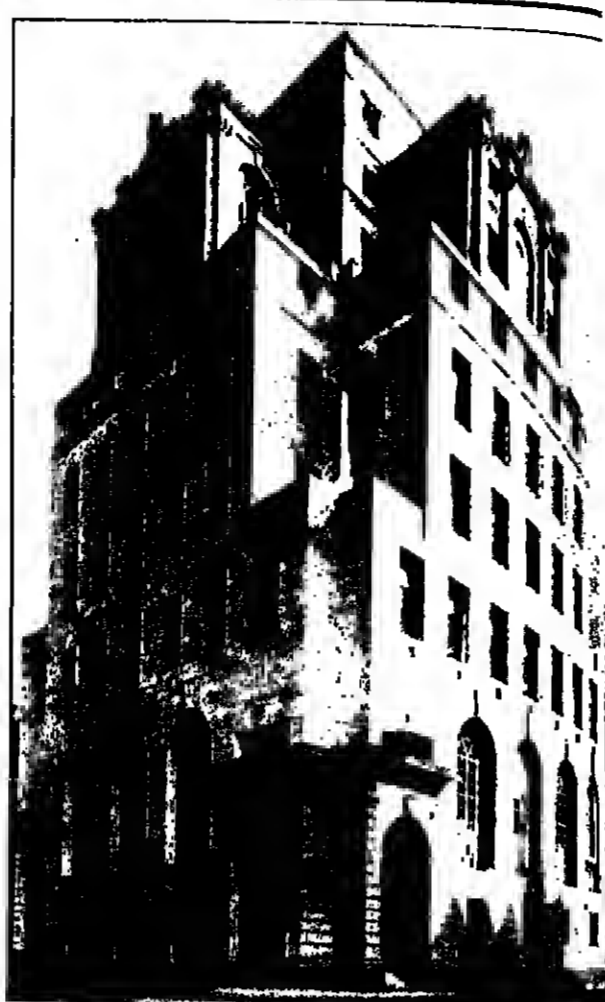
The concentration on financial buildings also accounts for the anonymity that shrouds Whinney Mackay-Lewis. "We are fluent in every style of architecture," boasts Mackay-Lewis. "You cannot recognise our work as we are not using the client as an end. Each institution wants its own image." Certainly, that claim is born out if you consider the eccentric Credit Lyonnais scheme alongside its recently-revamped neighbour. The practice has upgraded the latter, a spec-built office block, using banded silver aluminium cladding. No one would guess that the same architect had a hand in the adjacent schemes.

The general approach, according to Mackay-Lewis, is to design the building from the inside out. This is important because of the special requirements of the financial fraternity and because their buildings are often public environments as well as security strongholds. "We design the whole building," he adds. The practice is multidisciplinary with its own interior design department as well as in-house services engineers. Clients are offered a maintenance programme.

Design has clearly had its moments, notably through past links with architects of the calibre of the original partner Austin Hall and Lutyens, with whom the practice collaborated on Midland bank schemes in the 20s and 30s. Prouvé, France's late great master, was called to advise on the cladding for Credit Lyonnais, while interior design links were long established with artist and craft designer Algy Asprey. But on the whole the buildings are safely competent, oozing with quality, but without sparkle.

What is impressive, not to say daunting, is the way the practice is run, for here the partners have clearly got the measure of their clients. "As an architect, I have designed the organisation instead of a building," says Mackay-Lewis with total justification. And the results are formidable.

Balancing professional with commercial enterprise, the organisation falls into two parts: the partnership with its four partners, and the company. Mackay-Lewis is senior partner of the practice and managing director of the company. He explains that all transactions are handled by the partnership, which acts as an interface between the client and the company. If a job is accepted, it is then delegated to the company for design and management. The arrangement "enables me



The Midland Bank in King Street, Manchester, designed with Lutyens in 1933.

to manage," says Mackay-Lewis. "We are in the hands of the trustees," he adds, speaking of the partners. "Unless you have superb financial control, the organisation won't be profitable."

Nor does the system end with the titles. A regular sequence of meetings and reviews is used to monitor the practice's progress. Every quarter, for example, there is a compulsory day-long staff meeting to discuss the work in hand and the business of the practice, while clients receive a monthly "statement" on the progress of their contract.

For all that, Mackay-Lewis claims to give considerable autonomy to the professionals on his team, encouraging them to see a lot of their clients and soil their shoes on site. The designers tend to work in teams of around half a dozen and he himself remains a designer, though working more at the conceptual stage of a project.

Whatever one's view of the resulting architecture, it is hard to dispute Whinney Mackay-Lewis' standing. Jeremy Mackay-Lewis is well poised to comment on the changing demands of financial clients and his observations offer some surprises. Traditionally more conservative than other commercial organisations, the bankers are now, he says, turning more to competition as a means of selecting their designers. Gone are the days of the retained

architect, and his designers often find themselves up against the likes of BMW, Filippi, Robinson, Thomas Saunders Arup Associates, when trying for a job — even for the Midland Bank!

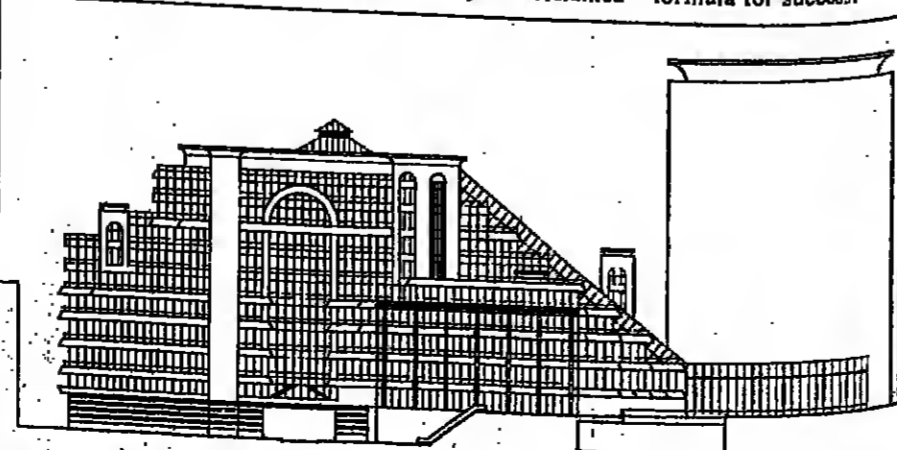
Meanwhile, the briefs he changed to accommodate the changing face of banking. "They have changed from being cash strongholds to being cashless," says Mackay-Lewis of "wholesale" buildings. The vaults are therefore becoming redundant as security storage and practices such as his have been brought in to re-plan the spaces. A recent example is Whinney Mackay-Lewis's Le Danque Paribas in London Lombard Street, where the vaults have been gutted to form an atrium under an artificial sky.

By the same token, roofs are becoming more important, he says, as the use of telecommunications increases in the financial world. There is an awful lot of hardware to be accommodated there.

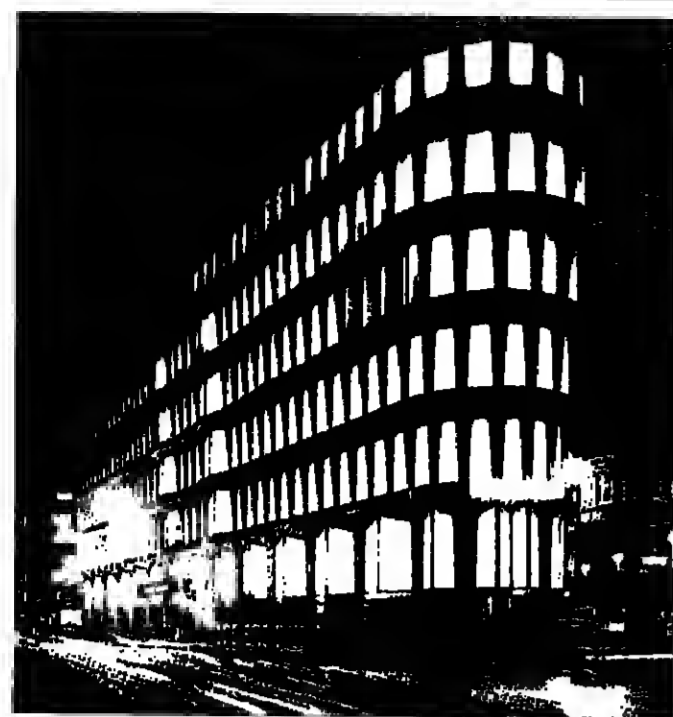
"The building concept has been turned upside down," he concludes.

He sees his practices covering new ground, expanding particularly into interior design, hotels and conference centres.

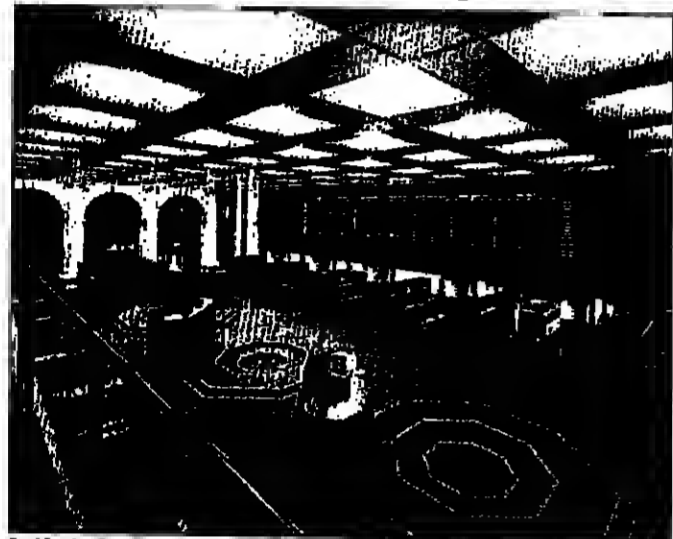
Certainly, it is his belief that by centering designs on the requirements of each client and by employing good people, the practice will continue with a formula for success.



"Aztec-shaped" design for new City offices, part of the City Plaza plan to bridge Fore Street and London Wall.



The innovative Credit Lyonnais Bank, its gcr cladding still unstained.



Inside the London International Futures Exchange.

THE LIGHT OF EXPERIENCE

Wesco skylights have been developed over a period of fifty years, to meet the demands of modern day design. It is a self supporting system which can be custom designed to almost any geometric shape. The strong tubular framework is available in any architectural decorative finish as standard. And a complete design supply and install package is available from the Trent Design Group. Bring the outside inside with a Wesco skylight system.

DESIGN TRENT GROUP
Architectural Systems Division
Trent Design Group Ltd, Binsley Industrial Estate, Coventry CV3 2RL
Tel: (0453) 415837 Fax: (0453) 497198



Enter 14 ON EXPRESS ENQUIRY CARD

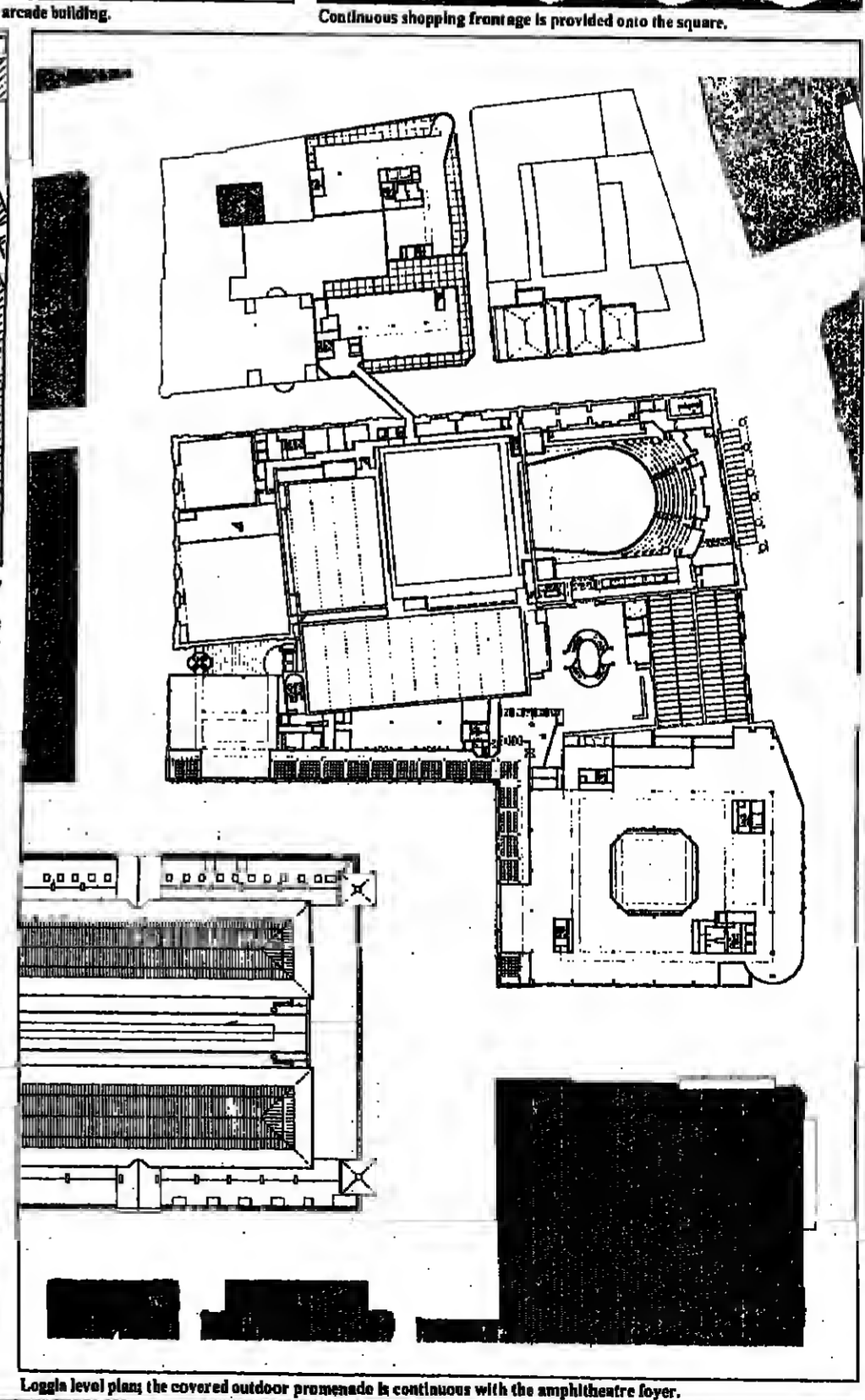
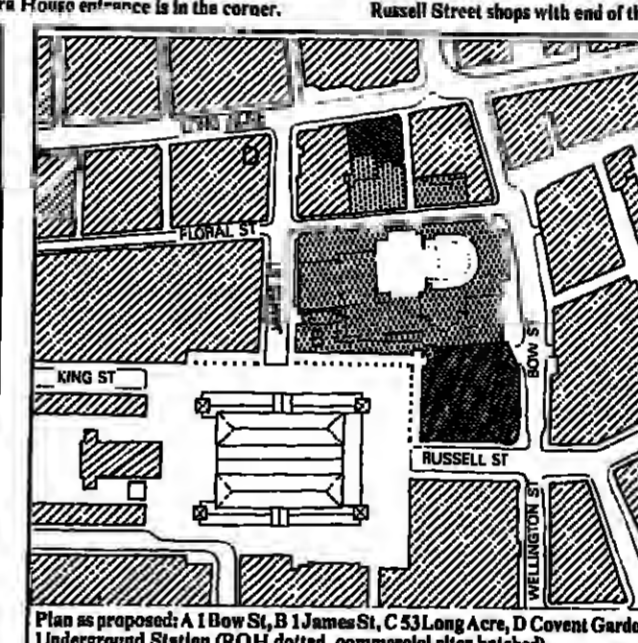
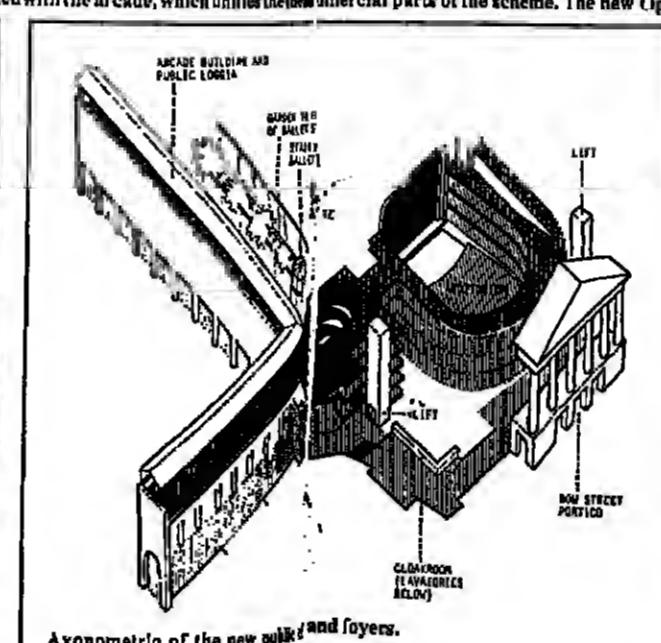
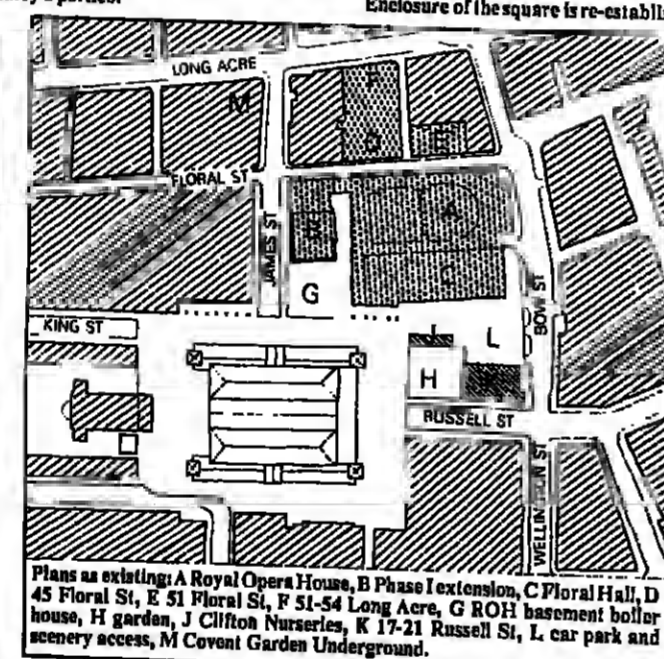
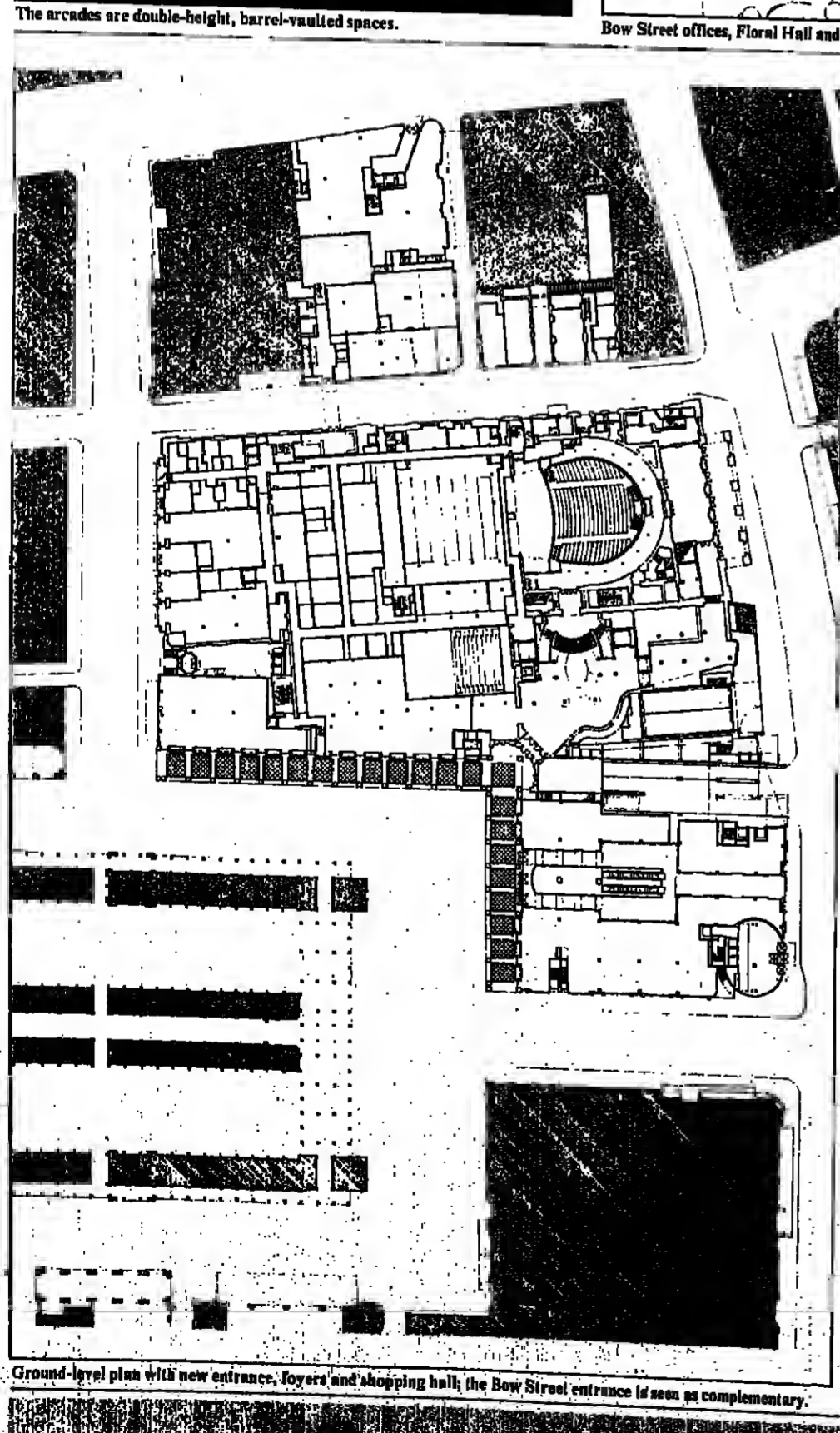
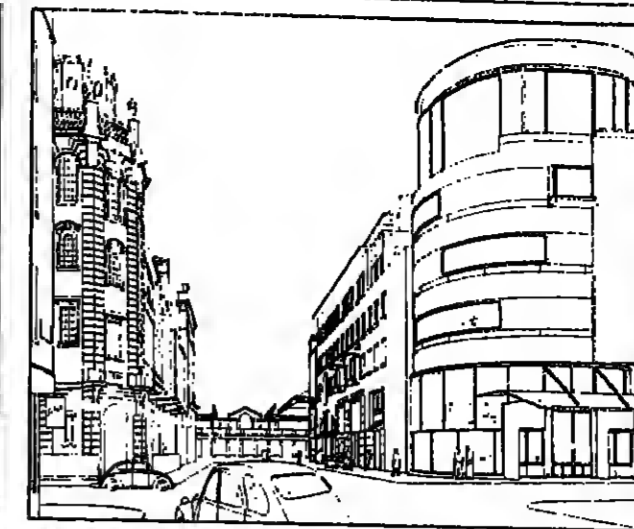
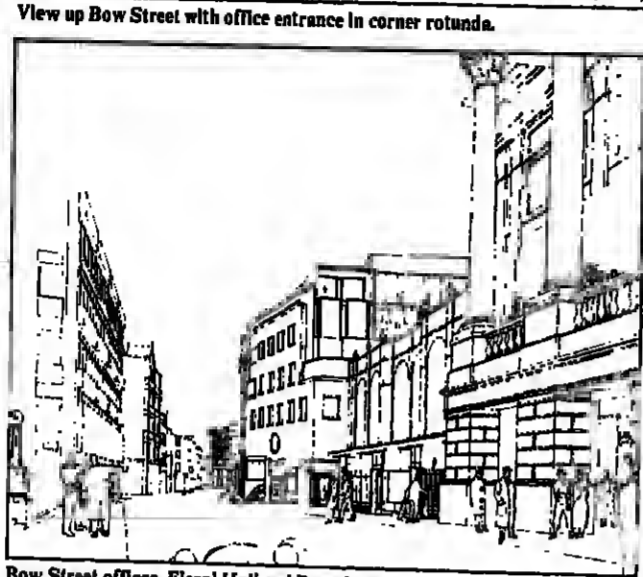
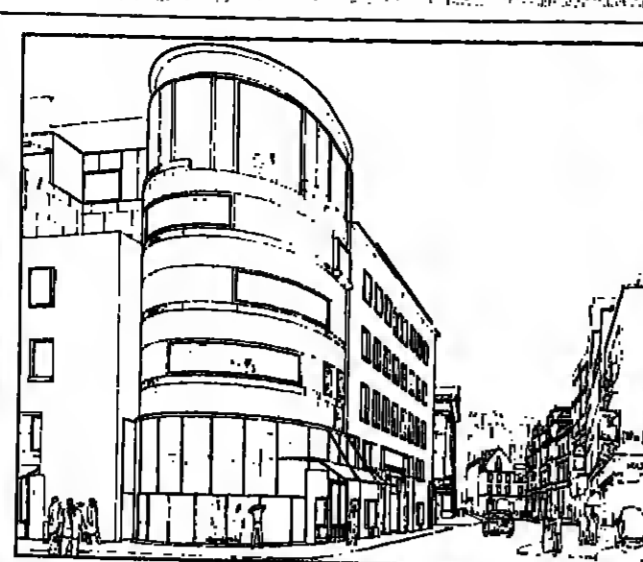
STREETS AHEAD
ETERNIT 2000

With a choice of attractive colours, a variety of shapes, textures and a full range of complementary accessories and ventilation products, Eternit 2000 Slates offer the specifier the chance to create roofs that are clearly streets ahead.

Eternit Ltd
Widened, St. Romain
Tel: Rouen 02 31 60 421
Telex: 317 521

2000

Enter 15 ON EXPRESS ENQUIRY CARD



CENTR STAGE

THE wisdom of the decision in June 1984 to commission Jeremy Dixon/BDP against eminent opposition to redevelop the Royal Opera House site in Covent Garden is confirmed by the qualities of the proposals put in for planning permission today.

The \$55 million budget covers the cost of essential updating to the Opera's technical facilities, including a new fly-tower, stage and side stages, bringing the backstage areas more into line with other premier opera houses. Adjustment of the proscenium arch will improve sight lines, and

air-conditioning, supplied and integrated from systems carefully decorated, will improve audience comfort.

Accommodation and support areas for the Royal Opera Company, the Orchestra and the Royal Ballet (which will move back from its west London premises) are housed around and above the stages as well as in new buildings

across Floral Street, linked by bridges which allow easy access to the stage.

Although none of the existing buildings around the Garden square are of Dixon's era, he has taken the opportunity to reinstate the north-east corner of the square as a separate element within a height gallery at ground level giving onto shops, and

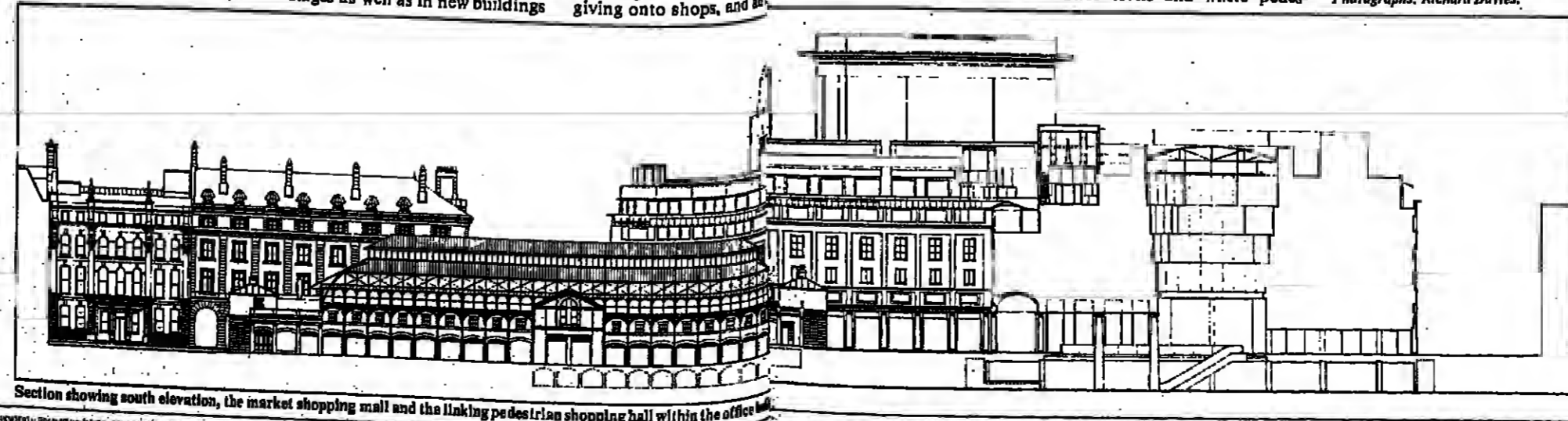
open loggia directly accessible from the amphitheatre foyer at the top of the new double spiral stair. A new entrance, complementary to the existing Bow Street entry, is formed off the corner, thus re-establishing the important relationship of the opera with the lively activity in the square.

Stylistically Dixon's scheme is sympathetic to such a sensitive setting, but the character of the

various new components changes in response to the different contexts and contents. Hence the striking modern corner rotunda of the office building entrance contrasts with the more restrained, subservient elevations of the same block. The scheme is diagrammatically logical and as simple as the programme allows, but the edges — particularly at lower levels and where pedes-

trians pass — are consciously more eventful. The scheme should start on site in 1988; the Opera will provisionally close in 1991 and reopen two years later when building work is complete.

Architects: Jeremy Dixon/BDP. Structural engineers: Alan Baxter & Associates. Quantity surveyors: Gardner & Theobald. Services engineers: Building Design Partnership. Construction advisers: Higgs & Hill. Technical coordinator: John Wyckham Assoc. Acoustics: Artec Consultants. Public safety: Fire Check Consultants. Project management: Darlington Management Services. Paintings: Carl Ludin. Models: Thorpe Models Group. Photographs: Richard Davies.



New Products

Compiled by Harold Hudson

New show looks set for success

RESPONSE to Building 86, the new building industry exhibition which will take place at Earls Court from October 5-9, has been excellent. All sites in the eight theme areas have been snapped up long ago and bookings have spilled over into peripheral areas.

Building 86 departs from the traditional building exhibition in several ways. The chief take-off point being the show's emphasis on themes of current interest. After extensive research, the organisers fixed on the eight most popular themes in building today, and created the show layout around them.

As a result, you will be able to see the familiar exhibitors collected in a different permutation this time, in areas named "Refurbishment", "Repair and maintenance", "New products in the market", "Houses into homes", "New design trends";

"The quality factor"; "Energy in buildings"; "Communications technology"; and "Safe and secure".

In addition, the organisers promise us what they call "entertainment, seminars and visual shows, as well as a major event staged by the RIBA". The official opening ceremony will be undertaken by Peter Walker, the secretary of state for energy. Some of the event titles announced include "The Great Wooden Spoon Race", an event which takes place on most days, "What price was that?", a lunchtime panel game, and "RIBA Young Lions Presentation".

Certainly Building 86 should prove an interesting way to spend a day and the organisers are to be congratulated on trying to breathe new life into a traditional building exhibition.

Harold Hudson

Automatic switches

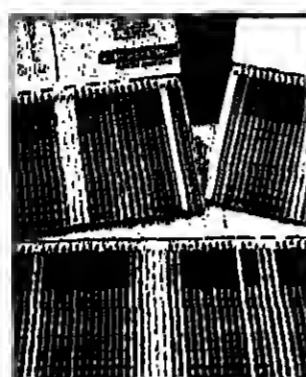


LIGHTSPOT is an automatic switch which, when its ultra-sonic detector senses movement, switches the lights on. After a pre-selected period in which no movement has taken place, LightSpot will also turn the lights off. The device can be organised to be sensitive to movement in one section of a space only, for instance between rows of racking, and ignore movement outside that area. The energy saving potential is clearly huge.

Enter 100 ON EXPRESS ENQUIRY CARD

Charcoal pencils

COMBINING the versatility of pastels with the convenience of pencils, the new Carb-Othello coloured charcoal pencil from Sehwan-Stabilo comprise 60 vibrant colours, including black in three degrees of hardness. They can be smudged and erased, and blended with water as required to create a wide variety of effects. The pencils are available individually or in metal box sets of 12, 24, 36, 48 or 60.



Enter 101 ON EXPRESS ENQUIRY CARD

ACCESS CONTROL

APPLICABLE to maximum security areas, Newmark Technology's new Controlpoint access system consists of a microprocessor-based controller which is remotely addressed via an entrapment sensor unit by any number of hand-held transmitters. By means of an infra-red transmission, a coded dialogue occurs between the controller and transmitter.

First a "wake-up" code is transmitted to the controller. If it is valid for the entry point, a controller code is transmitted back to the transmitter. After a follow-

up communication, the door locking device on the entry point is released. The entire sequence only 70 milliseconds. The controller codes are automatically and randomly changed every time they are initiated. There are two versions: Controlpoint; Identipoint at Pinpoint. The latter is a similar Identipoint (as described above) but with personal identification numbers built in for extra security.

Enter 102 ON EXPRESS ENQUIRY CARD

Waterslide

WHERE space around the swimming pool is limited, it might be possible to slot in the new Davenport Leisure waterslide. Designed in consultation with a number of swimming pool managers, the new slide needs a space of only 1.8m x 2.5m and can be quickly installed without having to close down the pool. It can be manufactured to left- or right-hand conformation and can be easily relocated to another site.

Enter 107 ON EXPRESS ENQUIRY CARD



Two ridges

ASPECT Roofing has announced the introduction of two new ridge tiles — the Gas Flue Ridge Terminal and a Ventilating Ridge Tile. The former has low flow resistance, as required by the British Gas Corporation, and has been designed to interfere as little as possible with the smooth ridge line. It complies fully with BS 5440: Part 1: 1987 for appliances with a rated input of not more than 60kW. This terminal and the ventilating ridge are both available in a full range of colours.

Enter 108 ON EXPRESS ENQUIRY CARD

Gas effect fire

AVAILABLE in two BS sizes (18in x 22in and 22in x 22in) the new gas-effect convectors from Jetmaster have outputs of 2.75 and 3.50kW. The company claims that there is a big demand for gas fires which look realistic and perform well — and this is precisely what Jetmaster says it has provided. The new fires will be available through a widespread distributor network and will be backed by tv advertising.



Enter 109 ON EXPRESS ENQUIRY CARD

Anti-dusting

WHETHER the surface is concrete, granolithic, blockwork, brickwork or masonry, GRAB's new surface treatment — Stopdust — will penetrate the material and stop dusting. It will also harden the surface and make it waterproof and resistant to attack by alkalis and oil. Stopdust is applied by an applicator or soft sweeping brush and, given dry conditions, a floor so treated will be ready for use the following day.

Enter 110 ON EXPRESS ENQUIRY CARD

Insulated gutters

MUSTANO Metal Products has introduced a new range of insulated industrial valley gutters. Their top and bottom skins are of aluminium, while their core is of high-density insulation or various types depending on the insulation factor required. These gutters have high flow capacity, with no inner components, overlap or staggered joints to introduce cold spots. The specification of insulated gutters is becoming more frequent, in order to reduce condensation risk and improve overall thermal insulation.



Enter 111 ON EXPRESS ENQUIRY CARD

Play equipment

TOTAL design flexibility is claimed by Chipman for its Designer Logs modular play structures. The secret is that the structures are built up from a series of 150mm diameter Douglas fir, non-splitting logs, from which can be assembled swings, slides, ladders, platforms, bridges, ramps and many more play structures. The system is backed by a Design Pack which allows the customer to establish the range of options on offer and determine the best solution for his purposes.

Enter 112 ON EXPRESS ENQUIRY CARD

Luminaires

PRODUCED in three sizes to take 16, 28 and 38W 2D energy-saving lamps, Moorlit's new Clotto range of circular luminaires are designed to give either recessed or surface-mounted options. There is also a square format luminaire, also with the two mounting options, as well as a choice of louvre or prismatic diffusers. Self-contained emergency versions are available in the 16 and 28W circular fittings.



Enter 103 ON EXPRESS ENQUIRY CARD

Ventilating ridge

With a free ventilation area of 8,770 sq in, the new ventilating ridge tile from Tare Tiles has considerably larger capacity than many on the market. Yet despite this, it still succeeds in being unobtrusive and completely weatherproof, even in severe exposure conditions. This flat round ridge tile is available for use with all profiles of Tare Tiles and is supplied in three colours. Internally the throat of the charcoal grey pvc ventilator is fitted with a pre-cut pvc filter.

Enter 104 ON EXPRESS ENQUIRY CARD

Playgrounds

ACTION Packs is the name of a new collection of children's play equipment from SMP Playgrounds. In all there are 15 Action Packs which can produce almost any configuration of play features, including split-level towers of five different heights, linking bridges, ladders, cat walks, crawler tunnels and trapezes. These can also incorporate slides, swings, log cabins, roll-over bars and firemen's poles. Freedom of choice is the main facility.



Enter 105 ON EXPRESS ENQUIRY CARD

Road gully

IDEAL for use on estate roads, the new Osma Drain road gully has been introduced by Wain Building Products to its range of underground drainage products. Available in a range of standard and special forms, the new gully is quick and easy to fit with its push-fit joints to a 150mm Osma Drain system. The gully can also be used with traditional materials. It is extremely strong, has an anti-forgetting collar and holds it in position while being surrounded in concrete.

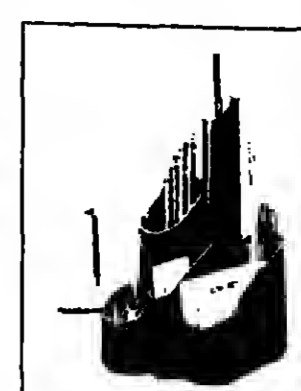
Enter 106 ON EXPRESS ENQUIRY CARD

New products

Pencil palace

DESIGNED to coordinate with other Ethica Office Products' range of organisers for the home, office and studio, the Pencil Palace has a sculptured, radiused form with five compartments of different heights in which to store pens, pencils, rulers, paper clips — all the jumble that accumulates in most work and domestic environments. The Pencil Palace is manufactured in see-through, smoke-coloured plastic and is available at under £5.

Enter 113 ON EXPRESS ENQUIRY CARD



Kitemarked cover

WAVIN has announced that its Osma Drain cast-iron cover and frame for universal inspection chambers has been awarded a BS1 Kitemark. Developed for Grade C loading applications, the nominal 450mm circular cover and frame has been designed to give long-term reliability, coupled with ease of installation. There are two versions — a standard single seal cover and a double seal with stainless steel locking screws for internal applications.

Enter 115 ON EXPRESS ENQUIRY CARD



Metal frames

STEEL door frames for timber, steel or pvc doors have been launched by George Whitehouse Engineering. SQ Knock-Down frames have a patented jamb-to-head joint, allowing the frame to be installed in an opening in a fully finished partition or wall. Simple styling, strength and fire resistance are qualities of these door frames, which suit most door leaves. They are fully prepared for hardware, easy to install and can be supplied in a fully welded form.

Enter 114 ON EXPRESS ENQUIRY CARD

Energy-saving lamps

POWER Star 11Q1-TS metal halide lamps from Weicon Lamps use little energy, have high luminous efficacy, good colour rendering and long service life. They come in three power ratings — 70, 150 and 250W. The 70W lamp is available in two colour temperatures, warm and intermediate. These are particularly suited to display windows. Ambient lighting in showrooms, on the other hand, is best fulfilled with the 250W Power Star.

Enter 116 ON EXPRESS ENQUIRY CARD

Longlife

KUNSTSTOFFE

Special shapes from Westbrick

Realise the full design potential of your buildings by adding unique individuality and character with Westbrick special shaped bricks. Westbrick offers an unrivalled range of standard and special shaped bricks in a wide choice of colours and textures, or our Design Service. Architects can advise on all aspects of brickwork design.

Westbrick experience, allied to the unique Westbrick Quality Assurance Guarantee, ensures a brick to standards no other company can match.

Find out more from Westbrick Limited, Pinfold, Lutter, EN14 6PL. Telephone (0455) 684041.

A Company

WESTBRICK

Enter 117 ON EXPRESS

Dateline

Items for consideration must be received 10 days prior to publication

This week

Today
Managing the crisis in council housing, regional follow-up seminar in London events in May on the Audit Commission report on council housing, organised by the Institute of Housing, Venue: Minclose House, Wrexham District Council, Telford, Shropshire.
Details: Anne Paterson 01-837 4280.

Today
Aldo — a housing perspective, seminar covering information to help housing organisations form a realistic policy for dealing with the virus, organised by the Housing Institute.
Venue: Town Hall, Royal Borough of Kensington & Chelsea, London.
Details: Anne Paterson 01-837 4280.

Saturday
Right to repair, seminar looking at the operation and implications of the right to repair scheme, organised by the Institute of Housing.
Venue: Manchester.
Details: Anne Paterson 01-837 4280.

Tuesday
The use of stone in building, course organised by the standing joint committee on natural stones.
Venue: Geological Museum, Exhibition Road, London SW7.
Cost: £25 per delegate, £50.

students or students registered with architectural schools.
Details: The Secretary, SJCNS, 82 New Cavendish Street, London W1M 6AD.

Tuesday
With man in mind, lecture by Dr Mains Perovic, head of the Metropolitan Planning Unit, Delgrade, organised by the RIBA.
Venue: Royal Institute of British Architects, 66 Portland Place, London W1N 4AD. 6.15pm.
Details: RIBA 01-580 5533.

Tuesday
Urban landscape, a one-day conference organised by Croydon Design Initiative.
Venue: Fairfield Halls, Croydon.
Cost: £10.
Details: Croydon Design Initiative, Taberner House, Park Lane, Croydon CR9 1JT.

Wednesday
Energy lighting and design, a half-day seminar and exhibition organised by the North West Four Professions Energy Group.
Venue: Haydock Park Racecourse.
Cost: £15.
Details: Energy Group Secretary.

Wednesday
Energy lighting and design, a half-day seminar and exhibition organised by the North West Four Professions Energy Group.
Venue: Haydock Park Racecourse.
Cost: £15.
Details: Energy Group Secretary.

Wednesday
Interviewing technique, course for interview staff who interview the public in the office or on home visits, organised by the Institute of Housing.
Venue: Institute of Housing, 9 White Lion Street, London N1.
Details: Anne Paterson 01-837 4280.

Thursday
Building Materials Expert Group open evening.
Venue: The Acerington Brick and Tile Company, Whinney Hill factory, Acerington, Lancashire BB5 5NR. 6.30-9.30pm.
Details: Alan Maynard 01-222 4592.

Thursday-Saturday
Planning bookfair, organised by the planning bookshop, Town & Country Planning Association.
Venue: 17 Carlton House Terrace, London SW1. 10am-5.30pm.
Details: Rose Tanner 01-930 8903.

Thursday
Community architecture: Lea View House in Hackney and Newquay House in the Duchy of Cornwall, lecture by Ben Derbyshire, Hum Thompson Associates.
Venue: The Vineyards, The Paragon, Bath, BA1 5NA.
Cost: £2, concessions £1.
Details: (0275) 333895.

Friday
New developments in practice, annual conference of the Association of Consultant Architects.
Venue: Selgwick Centre, London, E1.
Details: Jeanne Rufford, 7 King Street, Bristol, BS1 4BQ. Tel: (0272) 293372.

Friday
Access and facilities for disabled people: the impact of the new building regulations, conference organised by Centre of Environment for the Handicapped and the British Property Federation.
Venue: Policy Studies Institute, 100 Park Village East, London, NW1.
Cost: Members of CBII £57.50, non-members £69.
Details: Alliance Noon 01-387 2121.

Friday
Access and facilities for disabled people: the impact of the new building regulations, conference organised by Centre of Environment for the Handicapped and the British Property Federation.
Venue: Policy Studies Institute, 100 Park Village East, London, NW1.
Cost: Members of CBII £57.50, non-members £69.
Details: Alliance Noon 01-387 2121.

Friday
Access and facilities for disabled people: the impact of the new building regulations, conference organised by Centre of Environment for the Handicapped and the British Property Federation.
Venue: Policy Studies Institute, 100 Park Village East, London, NW1.
Cost: Members of CBII £57.50, non-members £69.
Details: Alliance Noon 01-387 2121.

Exhibitions

Until October 25
Pluribus, exhibition of the paper sculptures of Kisa Kawakami, organised by the Architectural Association.
Venue: Architectural Association, 34-36 Bedford Square, London WC1B 3ES.
Details: 01-636 0974.

October 19-22
Olympia draughting design and graphic exhibition.
Venue: Olympia 2, Hammersmith Road, London W14.

Architecture at the Royal Academy

Tuesday
Introduction to 20th century architecture. Lecture by Alan Turing, lecturer in the history of architecture, Bartlett School of Architecture.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 13
Landscape lecture on Norman Foster by Alan Turing, editor of *Design magazine*.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 16
Lecture by Jeremy Dixon of the Building Design Partnership.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 21
Lecture on Richard Rogers by Martin Pawley, architecture correspondent for the *Guardian*.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 25
Lecture by Piers Gough, partner in Campbell, Zupolovich, Wilkinson & Gough Architects.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 27
Lecture by Peter Gough, partner in Campbell, Zupolovich, Wilkinson & Gough Architects.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 30
Lecture by Professor C. A. St John Wilson, head of Dept of Architecture, Cambridge University.
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

October 31
Lecture on Building for business: the evolution of office architecture, by
Venue: Reynolds Room, Royal Academy of Arts, Burlington House, Piccadilly, London W1.
Cost: £2.50, concessions £1.70.
Details: Royal Academy of Arts 01-636 7076.

Agreement has been obtained from A.R.C.U.K., the R.I.B.A., S.A.A.P., R.T.P.I., L.I., I.C.E., R.I.C.S., I.Q.S., A.C.E., I.Struct.E., and B.I.I.D. that members who enter their names, addresses, telephone numbers and specialisation codes in the Design Directory are not contravening any rulings with regard to advertising.

ARCHITECTS

PICK EVERARD KEAY & GIBSON
Architects, Surveyors, Consulting Engineers, Planning Consultants
7 Friar Lane, Leicester LE1 1JD
Tel: 0533 28041. Fax: 0533 28042
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

R. SEBERT & PARTNERS
Chartered Architects
Traveller House, Hope Street, Glasgow G2
Tel: 041 521 0532
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

R. SEBERT & PARTNERS
Chartered Architects
184 Shaftesbury Avenue, London WC2H 8JZ
Tel: 01-492 1844. Telex: 884641
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

PERCY THOMAS PARTNERSHIP
Architects, Planning, Landscape Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

REGISTERED PRACTICES WITH THE LANDSCAPE INSTITUTE

ACCENT ON ARCHITECTURE
Architects & Landscape Architects
Access House, Beck Lane, Newtown Powys
Tel: 0688 80804
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

NEILA FISCHER PARTNERSHIP
Landscape Architects
180 Chiltern Drive, Berrylane, Surbiton, Surrey KT8 8LS
Tel: 01-899 8471. Telex: 28809
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

MARTIN SHERKLEY LANDSCAPE ARCHITECTS
Landscape Architects & Chartered Surveyors
138 Wallington Street, Glasgow G2 3JL
Tel: 041-333 0842
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

CHRIS BLANDFORD ASSOCIATES
Landscape Architects & Planners
Blanchard House, 100 Westgate Road, Bournemouth BH1 1JL
Tel: 01202 84888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

BRIAN CLOUSTON & PARTNERS
Landscape Architects & Planning Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

BRIAN CLOUSTON & PARTNERS
Landscape Architects & Planning Consultants
10 Cathedral Road, Cardiff CF7 6PP
Tel: (0222) 64334. Telex: 44888
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

FITZROY ROBINSON PARTNERSHIP

require the services of an

ARCHITECTURAL TECHNICIAN

to work on a permanent or freelance basis. Work comprises working drawings and detailing on both new build and refurbishment projects.

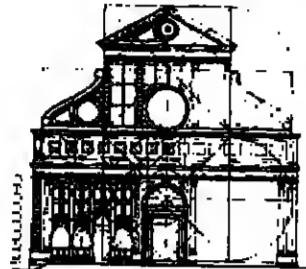
Applicant should have at least 3 years experience on large scale commercial buildings and be able to work with a minimum of supervision.

Please reply giving full details of age, experience and salary required to:-
The Personnel Assistant,
Fitzroy Robinson Partnership,
77 Portland Place, London W1N 4EP.

ARCHITECTS

DESIGN

PARTNERSHIP



ADP are seeking young, enthusiastic

Qualified Architects & Part II Students

to assist with an expanding workload of exciting projects, both new and refurbishment, in the public and private sectors.

We have vacancies in pleasant offices in both Henley on Thames and London.

Please write with career and personal details to:
Practice Manager
Architects Design Partnership
Northfield End, Henley on Thames, Oxon RG9 2HW

Tripe and Wakeham Partnership

requires

A SENIOR ARCHITECT

ARCHITECTS

SENIOR TECHNICIANS

to participate on a range of interesting projects involving retail, industrial and office developments.

Salaries by negotiation.
Please apply in writing with your full CV to:
S J Snook

Tripe & Wakeham Partnership
16 Fitzherbert Street
London W1H 0ER

Project Architects

(and a Graduate who aspires to be one!)

& competitive
Leicester and
Merthyr Tydfil

Our Practice is well into a (hectic) period of planned expansion. This is great for our bank balance, but has done little to relieve our stress factor! We must, therefore, recruit three additional members to the team as soon as possible. A Project Architect with a minimum of 3/4 years' experience for Leicester - the same for our South Wales office. Leicester also needs an enthusiastic Graduate: someone with Part II, or perhaps who's just obtained Part III.

We're a fairly young (mid 20's - mid 30's) close-knit team of talented professionals. We're lively, hard working and we thrive on the 'buzz' a busy office and varied projects give. We work for Local Authorities, the Private Sector and for Housing Associations.

We're choosy though. We only want the best - Project Architects confident enough to work without supervision, who like the thought of total responsibility for running efficient, cost effective assignments; who realise the importance of thorough research and tight administration. In short, who are commercially aware with good business brains.

Our philosophy has always been to promote from within. We recognise talent and reward it accordingly.

Does your background and personality match our image? Then write today with full CV details to David Taylor, Partner, Stephen George & Partners, 170 London Road, Leicester LE2 1ND.

STEPHEN GEORGE
& PARTNERS

VERNON GIBBS PARTNERSHIP - BATH

Architects + landscape Architects

Small practice with work on both new and conservation projects centrally located

ARCHITECTURAL GRADUATE (RIBA Part II)

ARCHITECTURAL TECHNICIAN (RIBA Part I)

Car drivers essential

CV with salary requirements and date available to: 18 Belmont, Bath BA1 3DE 0983 339137

GRADUATE ARCHITECT/TECHNICIAN

with minimum 5 years experience to join small central London practice for varied cross section of work.

Immediate start. Salary commensurate with age and experience.

Telephone Stewart Watson 01-491 1972 for appointment

TECHNICIANS

Build your career on our reputation

Leica Newly opened position for experienced CAD Technician. 2Nag + Car

Notion Senior position in busy practice - housing/industrial. £11,000 + Car

Notion Housing developer seeks young 24-28 Technician for layouts and working drawings. 2Nag

Notion large scale commercial schemes. Salary up to £11,000

Write or call Brian Tiltton 0521 701000

DESIGN TO BUILD PERSONNEL

City House, Maid Marian Way Nottingham NG1 6BH

Telephone (0532) 472825 24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

24 hours

Build Yourself An Exciting Career

Atkins Sheppard Fidler and Associates are looking to expand their architectural team to undertake a number of interesting new projects. We need creative, self-motivated people to join our team - in particular:-

Architects and Graduates

either recently qualified or with 2-3 years experience, who have RIBA Part 2 or 3.

Architectural Technicians

with HNC or equivalent and 3-10 years experience.

Our recent projects include:
The buildings for Docklands Light Railway National Garden Festival, Stoke-on-Trent Refurbishment at Chatham Dockyard New and Refurbished offices, Epsom Town Centre, Shattered Housing, Epsom King Fahad Medical City, Riyadh Salby Coalfield Arslan Gull University

Atkins Sheppard Fidler and Associates

We can offer you:

- unusually varied work
- the opportunity to exercise your creative skills to the full
- work in London and abroad
- design and site experience
- a salary to match your ability

As a result of our expanding work load in the Middle East, one appointment will be to a full time position. You should be able to show high quality architectural skills combined with a practical knowledge of the customs and culture of the Middle East. Current contacts with fellow architects in the construction industry in the Middle East will be particularly helpful.

If you would like to discuss the possibilities further please telephone Epsom (0372) 23555, Extension 2728, or send your CV to: Mrs K A Jackson, Atkins Sheppard Fidler and Associates, Woodcote Grove, Ashley Road, Epsom, Surrey KT18 5BW.

WATERHOUSE & RIPLEY

require

ARCHITECTS

for interesting commercial and industrial projects at design stage.

Minimum 5 years experience. Salary by arrangement.

Please write or telephone

50 Charlotte Street

London W1

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

01-437 0881

VAT ON ADVERTISEMENTS

Value Added Tax will be chargeable at the standard rate (18%) on all advertisements.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

This tax can be reclaimed by all VAT registered companies from H.M. Customs and Excise.

HUBBARD FORD PARTNERSHIP
Young team with large number of commercial and historic building projects require

2 ARCHITECTS
with 3 years London experience.
Ambition and talent essential with a proven ability to run their own jobs.
Generous salaries for the right candidates.
Ring Ian McInnes or Ian Smith on 01-499 9231.

Renton Howard Wood Levin Partnership

RHWL

77 Endell Street
London WC2H 9AJ

A young
ARCHITECT
is required to join a team working on a high spec new office headquarters building.
Please apply with C.V. marking your application "Offices" to:
Janette Payne at the above address.

WORKING FOR LAMBETH

A positive approach for people with disabilities

As an Equal Opportunity Employer, Lambeth Council is committed to increasing employment opportunities for people with disabilities. Although the jobs in this advertisement are open to any applicants, applications will be particularly welcome from people with disabilities.



DIRECTORATE OF TOWN PLANNING & ECONOMIC DEVELOPMENT

Planning Officer —

Urban Design

Ref T8
Salary: £11,864-£14,289 p.a. Inc. pro rata

Job Share — 17 hours per week
Worked over Thursday and Friday

Applications are invited for the post of Architect/Planner or Architect in the Urban Design Group of the Directorate of Town Planning and Economic Development.

The work of the group involves the following:

- preparation of conservation area proposals;
- Design advice and grants/loan aid scheme
- supervision for historic buildings;
- townscape advice and feasibility studies for new development;
- preparation of environmental enhancement schemes;
- advice on town planning applications.

Candidates should be able to demonstrate a broad knowledge and experience of urban design and conservation or possess a keen interest to acquire the necessary experience.

Although a professional qualification in Town Planning and other related professional disciplines is desirable, an architect with suitable experience or keen interest will also be considered.

Application forms and Job Descriptions are obtainable from the Personnel Section, Directorate of Town Planning and Economic Development, London Borough of Lambeth, 8-15 New Park Road, London SW2 4DU or telephone 01 674 8844 ext. 172. Closing date 18 October 1988.

LAMBETH
SERVICES WELL WORTH DEFENDING

ELLIS WILLIAMS PARTNERSHIP
urgently seek qualified

ARCHITECTS
with 2-5 years post graduate experience to work on new commercial, educational and industrial projects.
Write with C.V. to:
C. S. Spencer
Ellis Williams Partnership
96 Rodney Street
Liverpool L1 9TL
Tel: 051 709 9816

Ruddle Wilkinson & Partners
Architects • Interior Designers • Quantity Surveyors • Town Planners •
We have an exciting, varied and expanding workload and need to reinforce our highly motivated young teams with

ARCHITECTS
SENIOR TECHNICIANS
INTERIOR DESIGNERS
Please send C.V. to:
J.W.F. Durand, Ruddle Wilkinson and Partners,
84 Lincoln Road, Peterborough, PE1 2SW.

Middlesbrough Borough Council

ECONOMIC DEVELOPMENT AND PROPERTY DEPARTMENT

Senior Architectural Technicians

£9,513-£10,164
Vacancies exist in the architectural service for qualified technicians to join a group of architects and technicians working on a wide range of building types involving existing buildings as well as new build.

If you are interested in joining a pleasant, friendly office, are prepared to work hard and can show a commitment to producing a good quality and product please apply for an application form and job description to Chai Economic Development and Property Officer, Middlesbrough Borough Council, P.O. Box 65, Venerable House, Central Mews, Gurney Street, Middlesbrough Cleveland, TS1 1QP Telephone 245432 Extension 3682.

If you would like to talk about this job you are welcome to speak to Tom Riding (Assistant Chief Officer — Architecture) on Extension 3767.
Closing date 10 October 1988.

It is the policy of Middlesbrough Borough Council to provide equal employment opportunities and consideration will be given to all suitably experienced and qualified applicants regardless of handicap, sex or race.

The Council has a policy of inviting for interview all disabled persons who have written support of their Discretionary Reassignment Officer.

Job sharing facilities are available.

The staffing structure of the Authority and the Planning Department has recently been revised by the Council and we are now seeking

Principal Architect Grade SO1 — Scale PO4 £10,568-£12,884

Hert District contains 17 conservation areas, mainly in old villages including the outstanding conservation area of Oldham. The review list of buildings of architectural and historic interest is shortly to be published and contains over 1000 entries. The District is, however, subject to intense pressure for change and development and the task of the postholder will be to secure the retention and enhancement of what is best (particularly in the built environment) and to promote the highest standards of design in new development.

Generous relocation expenses (Up to £2,700 plus removals)
Temporary housing subject to availability

Application forms obtainable from:
The Chief Personnel Officer
Civil Offices, Fleet
Herts GU13 8AE
(Telephone: Fleet 822122, ext 341)
Closing date: 28th October, 1988

DISTRICT COUNCIL
Hart
An Equal Opportunity Employer (A3496)

DO YOU NEED TO RECRUIT A PROPERTY PROFESSIONAL?

Advertise with confidence for both public and private sector appointments with Estates Times the proven best read property publication amongst property professionals.

Call Jeff Johnson right now for a media pack and full details about how Britain's specialist property newspaper can help you get the pick of the best property professionals.

ESTATES TIMES

Read wherever property decisions are made.

Ring 01-855 7777 Extension 571, or write to him at:
Estates Times Appointments, Morgan-Grampian House, 30 Calderwood Street, London SE18 6QH.

SITE ARCHITECT
MANCHESTER
16 Month exciting leisure pool contract starting 1st November.

QUALIFIED ARCHITECTS
COVENT GARDEN
Architects with at least 2 years experience to work on leisure projects.

SARGENT & POTIRIADIS
ARCHITECTS AND LEISURE PLANNERS
5 Dryden Street, Covent Garden, London WC2E 8NW
01-240 2430

Subscription details

Building Design is published weekly and sent free of charge to registered architects working in the UK. Selected members of allied trades. Subscription rates: one year £30, overseas \$80, single copies 60p. Only to: Subscription Dept, Morgan-Grampian (Construction Press) Ltd, Royal Sovereign House, 40 Berkeley Street, London SE18 6BQ (01-854 2200).

ALTRINCHAM & YORK

Are you an enthusiastic and creative Young Architect, possibly recently qualified?

Do you wish to exercise your design skills on buildings which will make a positive contribution to the environment, often in Conservation Areas and Towns and Cities of Historic Importance?

Have you developed graphic skills and would like to utilise them more fully?

Do you want to see your designs translated into reality quickly, without the long delays that so often occur?

Would you like to become part of a small team of professional staff, working in a pleasant and informal office environment?

If so, why not join us. We are the acknowledged leading specialists in the provision of housing for the elderly and require Architects to join our Regional Design Group at Altrincham and in our newly opened office in York.

The Regional Design Group is a multi-disciplinary team committed to providing excellence in design carried through from inception to completion on site.

We offer excellent career opportunities as well as an attractive benefits package, including a company car.



If you are interested, please write enclosing a full C.V. to Graham L. Day RIBA, Regional Architect, McCarthy & Stone, (Development) Ltd., Harrington House, Harrington Road, Broadheath, Altrincham, Cheshire WA14 5LS



ARCHITECT
London £11-12k
Cable and Wireless, the worldwide telecommunications group, have established a nationwide telecommunications network for the Saudi Arabian National Guard.
We now need a young, recently qualified Architect to join our London based Architects team.
Reporting directly to the Project Architect, you will be responsible for preparing feasibility studies and working drawings plus sketch designs of buildings and civil works.
This is an ideal opportunity for someone with approximately one year's postqualification experience to become involved in a major architectural project.
This position is initially offered on a one year contract basis at a salary of £11-12k depending on age and experience plus benefits including flexible working hours and 22 days' annual holiday.
Please write with full CV or telephone for an application form, quoting ref. RB12, to: Recruitment Manager, Cable and Wireless plc, Mercury House, Theobalds Road, London WC1X 8BX.
Tel: 01-405 4980 (24 hrs).

Cable and Wireless
Helps the world communicate

Principal Lecturer
Interior Design
School of Three-Dimensional Design
Applications are invited for the post of Course Leader of one of the country's most successful design courses. Applicants should have appropriate academic qualifications and teaching experience and have achieved professional distinction in their field.
Salary £15,510 to £19,314 including London Allowance.
The post is available from 1st January 1989.
For an informal discussion, please contact Dr Peter Lloyd Jones, Head of School, on 01-549 8151 Ext 250. Application forms (returnable by 8th October) may be obtained from the Personnel Officer, Penryn Road, Kingston upon Thames, Surrey, KT1 2EE. Tel 01 549 1388 ext 605

KINGSTON POLYTECHNIC

DID YOU KNOW YOU CAN NOW ADVERTISE FOR STAFF WITH EVEN MORE CONFIDENCE!

CURRENT READERSHIP RESEARCH AMONGST ARCHITECTS CONDUCTED BY THE BUILDING CENTRE SHOWS BUILDING DESIGN THE JOURNAL FIRST TURNED TO FOR JOB ADVERTISEMENTS 39% MORE THAN ITS NEAREST COMPETITOR



TAKE THE WEIGHT OF RECRUITING STAFF OFF YOUR SHOULDERS, RING BUILDING DESIGN
ON 01-855 7777 EXT. 453 OR 2004 AND ASK FOR PAUL NUDDS OR DAVID PETERS

tsa
Please contact David Taylor, Technical Staff Appointments Ltd, Alliance House, 18 Cayton Street, SW1 Tel: 01-828 3953 (6 lines)

1. WEYBRIDGE, SURREY - Architect/Planner and/or Planning Technician, Architects with good design ability. Architects and/or Technicians with experience in conservation work. Sal negotiable.
2. ROYSTON, HERTS - busy practice is always looking for Architects with 2-3 years experience and proven design flair. Sal negotiable.
3. BROMLEY, KENT - Practice needs a Chartered Building Surveyor for inspection, maintenance and repair of historic buildings. Preferably under 40. Qualifications not absolutely essential. Work is mainly in London but would need to spend at least 3 days/week in office. Salary range £12K-£14K.
4. WIDEBURY, WILTSHIRE - Architect or Senior Assistant with at least 3-5 years experience in housing preferably with a developer. Must be a good designer. Sal negotiable, car supplied.
5. DORSET (POOLE AREA) - busy general practice is looking for two experienced Technicians. Good rates. Possibility of permanency after trial period. These are just a few of the jobs recently registered with us. Please telephone for free job list.

ATIONS SHEPARD HILLER AND ASSOCIATES LANDSCAPE (SOUTH WEST)
require a
PRINCIPAL LANDSCAPE ARCHITECT
Are you looking for opportunity and challenge?
Are you looking for a position of leadership and creativity?
We are looking for an enthusiastic, qualified Landscape Architect to head our Bristol Office. As a practice we have an extensive portfolio of new and current work, including public, commercial, residential, and landscape architecture. We are a multi-disciplinary practice with its related services. Applicants should apply with their CV to:
David Buckland
Atkins Sheppard Hiller and Associates
Onefield House, 15-17 Oakfield Grove, Bristol BS8 3BN
Tel: 075 371191

ALAN JOHNSON & ASSOCIATES
urgently require
4 ASSISTANTS/TECHNICIANS
with solid proven experience to help with expanding retail and commercial workload.
Top salaries for top people.
Apply in writing with full CV, to:
Hilary Worley
Practice Secretary
Alan Johnson & Associates
1 Queen Victoria Road
Coventry CV1 3JS

BDP GUILDFORD
We have recently moved to new offices within the Town Centre and are anxious to recruit a variety of staff in recognition of an expanding and interesting portfolio of projects.
SENIOR ARCHITECTS/ASSOCIATES
with experience of managing major commercial schemes and seeking opportunities for leadership and advancement in this field. Candidates should have at least eight years post graduate experience, with a sound understanding of contract administration.
ARCHITECTS/TECHNICIANS
to join teams working on a variety of private and public sector projects at various stages of development. Applicants should have between 2 and 6 years' experience, and sound technical knowledge and a commitment to quality in design and technical detailing. Attractive salaries will be negotiated together with an appropriate package of other benefits.
Please write enclosing a CV and some examples of recent work to:
P T Remington RIBA
Building Design Partnership
Leys House, 86-88 Woodbridge Road
Guildford GU1 4EX

CLERK OF WORKS
St George's Chapel Windsor Castle
Permanent from May 1987. Details from Chapter Clerk The Colsters, Windsor Castle Berks SL4 1JN

Eric Lyons Cunningham Partnership
are looking for an Assistant Architect with four to five years' experience, to work on an interesting project involving high standard refurbishing and new work on a large and training Centre for a major International Company.
Please write with C.V. to:
Eric Lyons Cunningham Partnership,
Mill House Studio, Bridge Road, East Molesey, Surrey, KT8 9HF

Yakeley Associates
have a number of exciting new projects and are looking for
Architects
who are creative designers and good project managers to work in our office in
Cambridge
If you have 5 to 12 years of post graduate experience please send your CV to:
Stephen Yakeley
Lloyds House
Regent Street
Cambridge CB2 1BQ

CHARLTON ARCHITECTS
require
TECHNICIAN/ASSISTANT
for industrial, Commercial and Housing Projects of all sizes. Currently in progress.
MICHAEL ELLARD DESIGN ASSOCIATES
18 Hazelwood Road
Northampton NN3 4JG

ARCHITECTURAL TECHNICIAN
required by small busy firm of Chartered Building Surveyors with varied workload. Sound knowledge of Building Construction and Regulations essential. Must be capable of working under minimum supervision. Please write or telephone:-
S. R. DREWES RIBA
Douglas Drewes Associates
11 Bedford New Wooding, Sussex
BN1 3JG

ARCHITECTURAL TECHNICIAN
required by busy South East practice. Sound knowledge of Building Construction and Regulations essential. Salary by agreement. Please write or telephone:-
Mr J. A. Smith RIBA
Grantham Parsons, 8 Holme Road
Enterprise House, Barnham Road
Salford, Greater Manchester
M6 7JG

GRAVESEND, KENT
The George Clay Partnership require
Architects & Technicians
for varied and interesting workload.
19 High Street
Gravesend, Kent DA11 0BA
Gravesend 60621

Betty-Formal & Roberts Architects
require an
ARCHITECT/ASSISTANT
in their Plymouth practice able to undertake work on a wide variety of jobs. A minimum 5 years experience including site supervision required.
Apply with cv to:
106 Lower Richmond Road
London SW15 2HN
01 785 5992

MODELMAKER
with 3 years experience
require by:
RICHARD ARMIGER/ THE NETWORK
30-34 York Way
LONDON N1 9AB
Apply in writing with CV.

SITE ARCHITECT/ BUILDING SURVEYOR
BASINGSTOKE
to run a £1M + housing contract.
Salary neg.
Further details contact:
Andrew Young
016 882 8338 8800

ARCHITECT/TECHNICIAN
Applicants aged 22-35 years with experience in private sector housing and industrial work. Excellent prospects. Generous package including car for the right person.
Apply with CV, stating present salary to:
Henry Mele Partnership
Chancery Street
Nottingham NG1 6BQ

ARCHITECTURAL ASSISTANT/TECHNICIAN
full or part-time to work direct with Architect, Sutton, Surrey.
Tel: 01-443 4468

The Davis Reed Partnership
require:
Young Architect/Technician
with good presentation skills and construction knowledge, to assist on varied projects in small enthusiastic office.
Please write with CV or phone:-
The Davis Reed Partnership
81 Stephens House
Arthur Road, Windsor
Berks SL4 1BY
Tel: 0753 859880

THAME, OXON
ARCHITECT/ASSISTANT
with some experience to join a young practice with expanding and varied workload.
Non-employer preferred. Write with CV to:
Michael Cook Associates
18 High Street
Thame, Oxon OX9 3BZ
Tel: 04481 7987

OFFICES TO LET

SHOREDITCH STUDIO
Spaces immediately available in shared designers studio in EC2. Newly refurbished, all facilities provided, excellent light. Car parking available.
Tel: 01-377 5777

Office Accommodation
Architects office in Holland Park, Kensington, offers 800sq. ft. new carpeted second floor office, for allied profession with option of support facilities.
Contact Yolanda Craig
01 603 7701

BUSINESS OPPORTUNITIES
PRINCIPAL of well established practice
invited to take over office.
Might suit young pro. close looking to boost stock record.
Principal would assist for few years part-time.
Write brief details in confidence to:-
Box 348
c/o Building Design
30 Calderwood Street
Woolwich, London SE18 6QH

East Dunham Groundwork Trust Ltd
LANDSCAPE ARCHITECT
Salary circa £11,000 p.a.
The East Dunham Groundwork Trust is seeking a Landscape Architect. Best if qualified to take the Senior Post in this recently set up Trust. The postholder will be responsible for a leading position in East Anglia.
Applicants will be widely experienced in both landscape architecture, and urban design able to "think on their feet".
Experience of working with AEC and voluntary groups, as well as a contract, will be an advantage.
Further information and job description from, or send CV to:
East Dunham Groundwork Trust Ltd
Unit 54
Thompson Station Industrial Estate
Salter's Lane, Sharncliffe
Leeds LS1 3JG
Tel: 0113 265333
Closing date for applications is Monday 30th October 1988

We are Architects, Town Planners and Interior Designers
with a current workload in excess of £300m. We would be interested in talking to other Practices with a view to merging our respective resources and skills.
Box No 3683
c/o Building Design
30 Calderwood Street
Woolwich, London SE18 6QH